

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

What and When to Plant

Our City Show Rooms, Ninth and Olive

AUTUMN

NINETEEN SEVENTEEN

We are told this is the day of conservation—individual, industrial, national. The government encourages it, men of affairs and prominence advocate it, the press daily proclaims it, the times emphasize it. The violent disturbance of war continues to affect the stability of modern civilization, to create a grave situation respecting the supply of life's necessities. The elimination of waste is not the only problem that confronts us. New ones will be created and old ones will have to be handled in a new way. In their solution, however, we firmly believe common sense will prevail.

We are not at all in sympathy with a recent expression of one of our national characters advocating the destruction of lawns for garden plots and the elimination of all purchases of ornamental nursery stock. There are thousands upon thousands of acres of tillable soil, now non-productive, which could be made a factor in our food supply. We condemn a policy which arbitrarily destroys any industry that is not directly concerned with the actual necessities of life.

If it be true that the man is of added economic value to a community who produces two blades of grass where but one grew before, what, then, of the industry we represent which has vast capital invested throughout the entire country, which by its patronage is closely allied with the success of all other industries, which employ thousands, thereby providing the means of livelihood to them and all dependent on them, which creates unbounded wealth in the enrichment of realty values and which adds the finishing touch in the making of the home, the one magic word which in its truest sense means to us the culmination of our worthiest aims and the principal goal of our aspirations.

Notwithstanding existing conditions, with the fullest confidence in you and the future, we have proceeded along normal lines, making no retrenchments except as demanded by intelligent operation. Our stock in all lines is consequently up to standard both in quality and quantity, and you need anticipate no difficulty in having your wants promptly taken care of.

Howard & Smith

LOS ANGELES, CAL.

Copyrighted, 1917, Howard & Smith, Los Angeles



For the Home and Garden

Seasonable Autumn Planting Notes for 1917

Of the various pleasures to be obtained in the growing of plants and flowers, there are none to equal that derived from the acquisition and bringing to perfection of a good, sterling novelty. Mayhap it is only a simple annual, a good new perennial, a rare exotic plant, or even a highly perfected type by way of form and color, in a breed or strain with which one is quite familiar. There is a constant demand by the flower loving public for something new, something which is novel in its character and which appeals to the senses of sight and smell.

The hybridization of plants, as an applied art along scientific lines, has, in large measure, been responsible for the many splendid additions to our wealth of garden flora and has given at the same time an impetus to the interest manifested amongst those who appreciate nature, as expressed in the beauty of a flower.

In that particular branch of horticulture to which we have devoted our life work, the ornamental end, we have persistently striven, either by means of selection or the artificial processes of hybridization, to improve or add novelties of distinctive merit, and such as we know will convey an increased pleasure to all flower lovers.

That our labor has not been in vain is attested by the voluntary encomiums received from customers from all parts of the country.

In this, our Fall bulletin for 1917, will be found not only a seasonable list of various staple offerings of high quality, but some splendid novelties of which one of the most sensational is our new strain of

ELDORADO POPPIES

These new Poppies are the result of crosses made between the Ranunculus class and those of the Shirley type, the result being a new race with a color series of matchless beauty. (See page 19). A sowing of these made in the Autumn, in warm sections of the country or in early Spring, where freezing winter conditions prevail, will afford a more than pleasant surprise.

They may be sown either in solid beds by themselves, or, better yet, if a unique effect is desired, in broad spaces with a certain proportion of ordinary Wheat. The combination of Poppies and Wheat is informal in character and strikingly beautiful.

NEW SALPIGLOSSIS

The ease with which Salpiglossis may be raised from seed and their wonderful effectiveness as a garden annual, render any improvement in this race of notable value. Our new strain, offered elsewhere in this publi-

cation, should interest everyone. The plants are dwarf in growth, well branched and bear a veritable sheet of large, Gloxinia shaped flowers. The color range is wide, extending from pale yellow to deepest crimson, with all the intermediate combinations of colors, such as steel blue, purple and gold, orange, etc. A sowing made now may be depended upon to bloom within ninety days. In cold sections Spring sowing should be resorted to.

OUR NEW TREE BEGONIAS

A few seasons ago we effected a series of direct crosses between some seedlings of the old Begonia Rubra and the giant variety Lucerne. From these crosses some splendid varieties have been obtained. Like the pollen parent, the plants throw enormous canes, often five to six feet high, and bear immense trusses of handsomely colored flowers, ranging from almost white, through the various shades of pink, rose, scarlet, etc. For planting in shady locations, these Begonias are of splendid effect.

THE "LOS ANGELES ROSE"

This superb novelty is now so well known as to hardly require further comment, except to mention that its production is illustrative of the lines upon which we are working and in that it is the pioneer of other good ones to follow. It is the time of the year for the planting of Roses. Set out at this season means a medium fall crop of bloom, and through a well established root action, a wonderful display in Spring.

To enumerate, in the limited space which we are able to devote in this bulletin, the various splendid and meritorious plants, seeds and bulbs which we have to offer, is out of the question. We have dozens of subjects under trial, which will be heard from later.

FOREIGN BULBS

There is one matter to which we desire to call the special attention of our customers, and that is the question of uncertain deliveries of import stocks.

The difficulty of obtaining space on transatlantic lines, due to war conditions, leaves us in doubt as to whether our foreign orders for Hyacinths and Tulips will be filled this year; if they are, it is almost certain that deliveries will be late and we will probably be unable to fill orders before October or November. We are fortunate, indeed, that the two items noted above are all of which there is doubt of our being able to make delivery, this being due to the fact that some four years ago we set aside a certain portion of our nursery area for the production of bulbs and have for this season's delivery a full line of all the best Daffodils, Nar-

cissus, Iris, early flowering Gladiolus, etc. The stock we have produced is superior to any which we have purchased in Holland, the bulbs are heavy, absolutely firm, and in addition, they are thoroughly acclimatized—a factor of great importance.

Our stock of Emperor and Empress Narcissus, two of the leading kinds, runs into the tens of thousands, the majority of which are double nosed, and incomparably superior to imported stocks.

THE CHINESE SACRED LILY

From time immemorial the Chinese have cultivated the Polyanthus or bunch-flowered Narcissus, not only treating it as an open garden plant, but flowering the matured bulbs in bowls of water, the bulbs being held in position by using a heap of small stones arranged in the center.

Its cultivation by the last mentioned system is exceedingly simple, and when in full bloom makes a lovely subject for interior decoration.

The blooms distil a powerful but delightful odor, the plants may be flowered in any ordinary living room with no attention save an occasional change of water.

In arranging the support stones at the center of the bowl see that the bottom of the bulb is placed so as to just clear the water.

The bulbs we offer elsewhere were imported direct from China. Allow from sixty to ninety days for them to bloom after planting. Several bulbs may be placed in a single receptacle.

VISIT MONTEBELLO

To those interested, a visit to our workshop, our Montebello Nurseries, will at this time of the year, prove one replete with pleasant surprises. Our trials of Dahlias, new selections of Giant Zinnias, and a host of other Summer and Autumn flowering plants, are in full perfection.

A visit will serve at the same time to convey an idea of the immensity and orderliness of the establishment, the broad scope of plant life, the intensive efforts we have put forth to secure for our customers the best obtainable in plants, seeds and flowers.

Within the pages of this bulletin will be found a comprehensive list of stock suited to the present planting season, with particular reference to those specialties which are new and good.

Get Acquainted with the Soil

We do not aspire to a learned and exhaustive dissertation on the soil in these pages, but we would feel that the space is well devoted should we succeed in inspiring a better understanding of and love for the soil—the source of all life—among our readers. The elements that enter into the question of soil fertility are far too numerous to be listed here, but all lovers of plant life should strive for at least a working knowledge of the many soil factors such as water, drainage, sunshine, frost, cultivation, bacteria, humus and fertilization, in order to assure the plants in their care congenial surroundings at all times.

Those who have yet to begin their studies little appreciate the delights that confront them. They will learn early that soil may be dirt, but never dirty. They will cease regarding a hand- or yard-full of soil as so much inanimate clay, something as lifeless and mechanical as disintegrated iron or rock, but will come to know it and love it as a colony of countless billions of organisms whose health and very existence depend upon the care and intelligence exercised in their treatment.

When you come to appreciate the seemingly complex but really simple composition of the soil, you then will know better how to proceed with it because you will know why. You may and should regret some of the treatment the soil has received at your hand, but many blunders will never be repeated, you may be sure.

No matter what you seek to grow, no matter how high in quality your seed or plant, intelligent soil care is in order always, and very likely will spell the difference between success and failure. Plants that thrive in rich, mellow, well drained soils and sunshine should be humored. Those that like wet feet, flourishing in the shady north sides, will repay a recognition of their limitations.

But regardless of whether a sunny or shady location is essential, all plants must feed on the same mineral and organic substances generally classed under the term of fertilizers.

Soil care involves attention to the physical or so-called mechanical condition of the soil as well as supplying it with artificial plant food. Steady and excessive applications of commercial fertilizers without any attention being paid to the humus factor, for instance, are likely to result in more trouble than benefit. Then, when you take into consideration that the soil fairly teems with actual though minute life, and that the favorable bacteria thrive best in rich but sweet soil, you will begin to realize why it is that soil glutted with sour and filthy organic matter fails to give expected results.

Humus is absolutely necessary in all soils, but it is necessary to get humus from a proper source. Humus does not mean filth. Remember you are not only feeding your soil, but you are preparing a banquet for the living bacteria there, without which there can be no life, and in addition you are giving or depriving them of a clean and wholesome place to live and work in.

Study your soil and its needs from the standpoint of a friend or partner. Regard it as a thing worthy of your thought, as an entity to know and work with, not as a thing unclean and unworthy.

In starting a new estate, the question first asked and, usually, the only one asked, is in regard to what to plant, with little or no thought of putting the soil in shape to support anything you desire to plant. It is easier and better to avoid mistakes with the soil than to remedy them with the planting all completed.

We can be of genuine assistance to you in this matter through our landscape department, which is organized and equipped to overlook nothing contributing to success of growth as well as harmony of design and effect.

What and When to Plant

A Bulletin Published by Howard & Smith, Ninth and Olive Streets, Los Angeles, Cal., as an aid for all lovers of Gardening in the advancement and beautification of home surroundings.

FALL AND WINTER

NINETEEN SEVENTEEN

Some Dont's

DON'T forget to visit our nurseries at this season of the year. All the summer annuals and perennials are in full perfection. Bear in mind, also, if you intend to carry out any particular planting scheme, that a better idea of the relative value of plants and flowers may be obtained by seeing them in full perfection of growth, than by any other means.

DON'T fail to use, if you desire the highest results obtainable with your bulbs and other autumn planting stock, a quantity of the bacterized peat offered elsewhere in this bulletin. It will give splendid results, also, when used on pot plants. It is inexpensive, natural and effective.

DON'T use inappropriate receptacles for your porch and house plants. See the superb designs we have to offer in the famous Lincoln gardenware pottery. A full line may be seen at our store rooms at Ninth and Olive.

DON'T overlook the making of a sowing of our new Eldorado Poppies. The blooms are as delicate in texture as China silk and contain a range of superb new colors.

DON'T, in the preparation of beds for winter bulbs, annuals, perennials, etc., neglect to dig in a liberal quantity of air slacked lime. It not only corrects acidity or sourness in the soil, but destroys the larvae of various pernicious bugs and insects.

DON'T sow seeds of Pansies, Hollyhocks, Antirrhinums and other similar subjects which require transplanting from the seed bed to their final quarters too thickly, or damping off will surely ensue.

DON'T plant seeds of nondescript quality—the best are none too good, if you consider your time, labor and garden space as worth anything. It requires the same amount of time to bring a poor strain to maturity as a good; the satisfaction afforded in the ultimate more than offsets the initial cost.

DON'T make the error (and it is a common one) of planting Pansies in the shade. When you transplant them from the seed bed to their final blooming quarters, select a bed in a fully exposed, sunny position.

DON'T forget that many of the choicest of our Spring blooming annuals and perennials must be sown in the Autumn, in order to give them a proper length of growing season. Canterbury Bells, Stocks, Pansies, Calendulas for Winter blooming; Winter Flowering Sweet Peas, Hollyhocks, Antirrhinums, Daisies, Centaureas, etc., give far better results planted early.

DON'T overlook the fact, that in addition to our large business in ornamental plants and seeds, we also maintain an up-to-date florist department. This department is at your service at all times. If you live at a distance, write, telegraph or telephone. Your order will receive the same careful attention as though you shopped in person.

DON'T send us an order and neglect to write legibly your full name and address. We often receive them with improper forwarding directions, without name, street number, etc. This causes delay in filling your order.

DON'T fail to give your Roses an abundance of water and a liberal mulch of rotted manure, during the current month. Remember that in California some of the choicest of blooms may be had during October and November. Go out in the garden and note the appearance of your plants. You will find them pushing out quantities of new stems and foliage. Strong feeding will accelerate this growth, lengthen the canes and give you splendid flowers later on.

DON'T let mildew obtain a hold on the foliage of your Roses. It spells certain failure in the obtaining of good, perfect blossoms. Mildew is a fungus disease, spreads rapidly and is superinduced by radical climatic changes, fogs, etc. A simple and effective means of keeping the plants free, is to spray the foliage every week or ten days with a weak lime sulphur solution. Aside from ridding the plants of mildew, it is a specific cure for red spider.

DON'T, when you are in doubt and desire some advice in the matter of your gardening operations, hesitate to write us. We will gladly impart any knowledge we may possess. If we don't know, we will tell you so.

DON'T sow Poppy seed, Mignonette, Portulaca, Eschscholtzia, Cosmos, Centaurea, Candytuft or Sweet Alyssum in a seed bed or boxes, with the idea in view of subsequent transplanting. It is far better to sow them in properly spaced drills in beds in which they are to flower and thin the seedlings after they attain a height of one inch or more.

When the seed is exceedingly fine, a more even distribution may be obtained by mixing the seed with finely screened sand before sowing.

DON'T you know that a few hours' work in your garden each day will benefit you physically and mentally? It is a diversion for your thoughts from the sterner side of life.

DON'T overlook the fact that plant life is akin to animal, in that it requires food, and in proportion as its ration is well-balanced, so in proportion will it give returns. We are calling your attention in this issue to one of the best natural plant foods which we have ever met with, viz, a granulated peat of unsurpassed quality. Try it and note the results.

DON'T, if you are a visitor in Los Angeles and interested in plants and flowers, neglect to visit our establishment at Montebello. You will find gathered together there one of the most comprehensive collections of native and exotic plants, seeds and flowers in this country.



Bulbs for Autumn Planting

You will find under this head a list of the best varieties, and in the highest quality obtainable, of the various stocks relatively referred to as Holland bulbs.

In the collection of Tulips, Hyacinths, Narcissi or Daffodils, and other species, we have condensed the list to comprise those only which are distinct in character or the best in their respective colors.

In many catalogues the list of varieties offered is almost interminable, the result being that the purchaser is often in a quandary as to what to order. We see no use, as for instance with Hyacinths, of cataloguing fifty or a hundred varieties; the colors to be noted in this class of bulbs are white, pink, yellow, red and purple, or various gradations in shades of the foregoing colors, so why not the best white, pink, yellow, etc., instead of a voluminous list where the distinction is without difference except to a trained eye?

The course of procedure we have taken with bulbous stock, a process of elimination, is one we have also strictly maintained with other stocks. It is a protection to our customers, obviating disappointment, and leaves us with a satisfied clientele.

AUTUMN IS THE TIME TO PLANT

AMARYLLIS (H. & S. NEW HYBRIDS)

Our strain of these superb Summer and Autumn flowering bulbs is second to none in the United States. We have spent over twelve years in crossing and selecting varieties until at the present time they may be easily regarded as little short of perfection.

The stems attain a height of three to three and a half feet and display the blooms to great advantage. The flowers are beautifully formed, with large full rounded petals. It is nothing unusual for them to produce blooms ten inches or over in diameter.

The colors are simply superb—rich orange scarlets, crimson, whites variously striped and marked, splendid self colors without any marking whatever, others toned with rich crimson in the throat and shaded off to scarlet, are but a few of the colors to be noted in this strain.

Our prices for these in former times have been high owing to the limited stock we had of the very fine sorts. We have made a great reduction this season as our stock has increased to a point where we can maintain the collection as a whole without losing through sale any of our best breeding varieties.

Class "A." Fine selected flowering bulbs which will bloom next Spring. Perfect in color, form and substance. Every one a gem. Assorted colors. Each, 75c; per doz., \$7.00.

Class "C." First size selected bulbs, full flowering size, consisting of the better selections of the earlier generations of the strain with splendid large flowers, assorted colors. Each, 35c; per doz., \$3.50.

Pot Culture. The bulbs require a seven or eight inch pot, according to their size, and should be potted so that the neck of the bulb is above the surface of the soil; it will not harm if the upper surrounding surface of the bulb is exposed. Place plenty of crocks over the hole in the bottom of the pot to insure good drainage. Use a rich compost in potting consisting of one-fourth rotted cow manure and three-fourths of good light loam. Water thoroughly after potting and place in a cool sheltered position for two or three weeks. As soon as growth begins remove to greenhouse, conservatory or a light, sunny window, keeping them moderately moist at all times. When through blooming plant out in the garden. This recuperates the bulbs, and the same operation may be repeated the following Fall and Winter. They are more easily grown in pots than Easter Lilies and are far more showy.

Open Ground Culture. Plant the bulbs in any garden soil which has had plenty of rotted manure added and been thoroughly mixed together. Select the bed in a fully exposed, sunny position, plant them so that the top is even with the surface of the soil. When growth begins give water in sufficient quantities to keep the bed moist at all times. Irrigate, do not sprinkle. When the buds appear a shading of cheesecloth will give highly perfected colors, although not absolutely necessary.

AMARYLLIS BELLADONNA

This handsome August flowering species should be planted during the Autumn months for best results. Unlike the Hippeastrums or Amaryllis Vittata hybrids it flowers during the months of August and September, whereas the former blossom in early Spring.

Its heads of handsome pink flowers coupled with their long stems and wonderful lasting qualities make it an exceedingly valuable cut flower. No Summer garden should be without a few bulbs of this elegant sort.

Minor—A distinct variety of medium growth. Color pale pink with a light colored throat. Each 15c; per doz. \$1.50.

Major—Tall growing with immense heads of deep rich pink flowers. Each, 15c; per doz., \$1.50.

HYACINTHS

We will have ready for delivery during the month of October an exceedingly fine lot of extra selected first size bulbs. There are three different grades of Hyacinths usually sold upon the market: Exhibition size, first size, and bedding. The first give uniformly large and perfect spikes of bloom, the second perfect spikes but smaller in size than the exhibition class, and the third much smaller spikes and usually inferior in so far as the quantity of bells in the spikes is concerned.

We handle only one grade, the exhibition size Hyacinths. We figure that while there is a difference in the cost of the bulbs as applied to the different sizes, the ultimate satisfaction afforded in getting the best and the satisfaction which they eventually give our customers will not pay us to handle second or third class stock.

Alba Superbissima. A grand white variety with very large spikes and bells. One of the best.

Charles Dickens (blue). Porcelain blue with deeper tints. Excellent for bedding or growing in pots.

Charles Dickens (pink). An extra large spike of exquisite soft rose colored flowers.

Gertrude. Deep rose. Extra fine for bedding, having an erect truss.

Grandeur A. Merville. An exquisite tint of blush white. Excellent for pot work.

Grand Maitre. Pure porcelain blue. The best of its color.

Le Peyrouse. A lovely shade of porcelain blue.

Norma. A fine forcing variety, beautiful coral pink color.

Robt. Steiger. Deep rich rose. Very fine.

Price of any of the above, each 15c; doz., \$1.50.

Cultural Note: When planting in the open ground cover the bulbs three to four inches above the crown. For pot culture use four inch pots and allow the top of the bulb to come even with the surface of the soil. When the bulbs are to be grown in pots store in a dark cool place for three or four weeks to allow a well developed root action before bringing in the light. If left in the light in pots the flower spikes will start to grow before the roots have become thoroughly developed and malformed spikes will invariably result. After keeping the bulbs dark for the above space of time give them light gradually. When the top growth begins they may be removed to greenhouse conservatory or living room. We offer nine choice varieties.

IXIAS

For planting in solid masses or for outlining the edges of walks in the bulb garden, there are no bulbous plants more effective or more easily grown than these dainty subjects. The flowers are arranged in spikes on strong wiry stems and are especially useful for cutting. Plant them three inches apart and two inches deep. Mixed, all colors, per doz., 20c; per 100, \$1.50.

ISMENE

Calathina Grandiflora. This superb bulbous flowering plant from Brazil is scarcely known in Southern California. It grows to perfection in our warm climate. The large blooms are intensely fragrant, pure white in color with greenish bands in the base of the throat. The edges of the flowers have an irregular outline which greatly enhances the beauty of the bloom. Once planted you can depend on a profusion of flowers each succeeding season. Extra strong bulbs, each, 25c; per doz., \$2.50.



Hyacinth Norma

ORNITHOLGALUM (STAR OF BETHLEHEM)

Arabicum. A bulbous plant which is becoming more popular each season. It bears large heads of pure white flowers with strongly contrasting black centers. This lovely species may be grown in pots or the open ground. As a cut flower it is unexcelled. Highly perfumed. Per doz., 50c; per 100, \$3.50.

NARCISSUS (DAFFODILS)

"Daffodils,

*That come before the swallow dares, and take
The winds of March with beauty."*

Among the various bulbous plants for Spring there is nothing to exceed the beauty of well grown Narcissi. During the past Spring season we had several beds over 1100 feet long by 20 feet wide, devoted exclusively to the culture of these beautiful Spring flowering subjects. The quantity ran into the hundreds of thousands. The varieties which we have to offer this Autumn are especially fine. The varieties noted in the list are all free growers, produce plenty of bloom and their adaptability to this particular locality has been well tested.

Cultural Note: Narcissi thrive in a light rich soil and when possible they should be planted in a bed by themselves. After the blooming season water should be withheld and the bulbs allowed to ripen in the usual way. The water required to keep other plants alive during the Summer months is especially harmful to them. Plant the bulbs four or five inches deep and six to eight inches apart. After a growth of a few inches is attained give a good liberal mulch of well rotted manure. Do not use manure of any kind that has not been subjected to proper fermentation. Disastrous results will surely follow if you do. This is applicable to its use on all bulbs.



Field View of Narcissus in bloom at our Nurseries

Poeticus Ornatus. The poet's daffodil. Perianth of flower white, cup rimmed with scarlet. A very late flowering variety. One of the best for cut flower purposes. Per doz., 50c; per 100, \$3.50.

Barri Conspicuus. Flower extra large. Perianth soft yellow, cup short, edged with orange scarlet. A splendid strong grower, free flowering, extra fine. Per doz., 50c; per 100, \$3.50.

Bicolor Victoria. Very large, erectly borne flowers. yellow. Per doz., 60c; per 100, \$4.00.



Narcissus Emperor

Campernelle Rugulosus. A dainty medium size bloom, rich golden yellow. Per doz., 50c; per 100, \$3.50.

Emperor. The finest of all yellow daffodills, with a large well expanded trumpet and extra good stems. For bedding or cut flowers it is unsurpassed. Per doz., 60c; per 100, \$4.00.

Empress. Identical in every respect with the foregoing except in color, the perianth being white while the trumpet is a full rich yellow. Per doz., 60c; per 100, \$4.00.

Golden Spur. A very early pure yellow trumpet Daffodil. It comes in some weeks before Emperor and Empress and lengthens the flowering period of these beautiful plants materially. Per doz., 60c; per 100, \$4.00.

Orange Phoenix. Large perfectly double Daffodil. Petals white and orange. This is the best of all the perfectly double varieties. Per doz., 60c; per 100, \$4.00.

Princeps Maximus. Perianth sulphur yellow, cup full yellow. Per doz., 60c; per 100, \$4.00.

Sulphur Phoenix. A lovely pure sulphur yellow daffodil; flower quite double; extra long stemmed; intensely fragrant; splendid for cutting purposes. Per doz., 60c; per 100, \$4.00.

CHINESE SACRED LILY

A species of Narcissus much used in China for flowering in bowls during Winter. We have a large stock of imported bulbs which will throw several fine spikes of bloom. Just the thing for the living room, school, etc. These have been especially grown for forcing. The bulbs are immense in size and will give you quick and adequate results. The blooms are of medium size, borne in large trusses, creamy yellow and while in color, and intensely fragrant. Each, 25c; per doz., \$2.50.

NEW GIANT IRIS HYBRIDS OF PALLIDA DALMATICA

This superb new group of Iris are hybrids between the ordinary German types and the giant variety Pallida Dalmatica. We know of nothing in the way of hardy plants which will prove more satisfactory than these new and improved hybrids. The flowers are marvels of size and beauty, the color to be noted in the blooms equalling that of our finest orchids.

We have, in addition to the varieties noted in this list, several other varieties but the stocks at the present time are too limited for us to quote them generally.

These Iris will do well in any section of the country and each Spring will produce a glorious display of color. Splendid for cut flowers. They are something good, something which we recommend you to try at least a few of.

Alcazar. Immense blooms. Color violet purple and blue.

Amas. Standard lavender blue. Falls violet.

Caprice. Immense blooms, violet blue in color.

Dorothee. Handsome light blue blooms of large size.

Eldorado. A curious and unique shade in this class, being yellow overlaid with blue.

Halfdan. Standards and Falls creamy white.

Helge. Standards lemon yellow. Falls deep yellow with orange beard.

Isolene. Giant type. Stems attain a length of three feet. Color light purple, overlaid with brown, beard yellow.

Jeanne d'Arc. A lovely pure white with the outer edge of the falls and standards penciled light blue.

Kharput. Enormous violet blue flowers. Wonderfully fine.

Lohengrin. Flowers of immense size. Standards mauve. Falls violet.

Loute. Standards lilac. Falls deep blue.

Monsignor. Standards violet. Falls crimson purple.

Nibelungen. Standards fawn yellow. Falls violet blue, with fawn colored margin.

Oriflamme. Standards light blue. Falls violet purple.

Tamerlane. Enormous flowers. Standards blue. Falls purple.

Each, 35c; per doz., \$3.50.

SPANISH IRIS

These are amongst the showiest of all our Spring flowers, and there is no class of easier cultivation. They may be grown in pots for indoor decoration, or planted in a good, sunny position outside. The low price at which we offer them should enable everyone to plant them in quantity. They last well in a cut state, and their lovely shades of blue, yellow, bronze, etc., appeal to all lovers of flowers.

Belle Chinoise......An early yellow of large size.

Cajannus......Very tall deep golden yellow; late.

Chrysolora......Beautiful pale yellow.

British Queen......The best pure white.

Formosa......Deep blue.

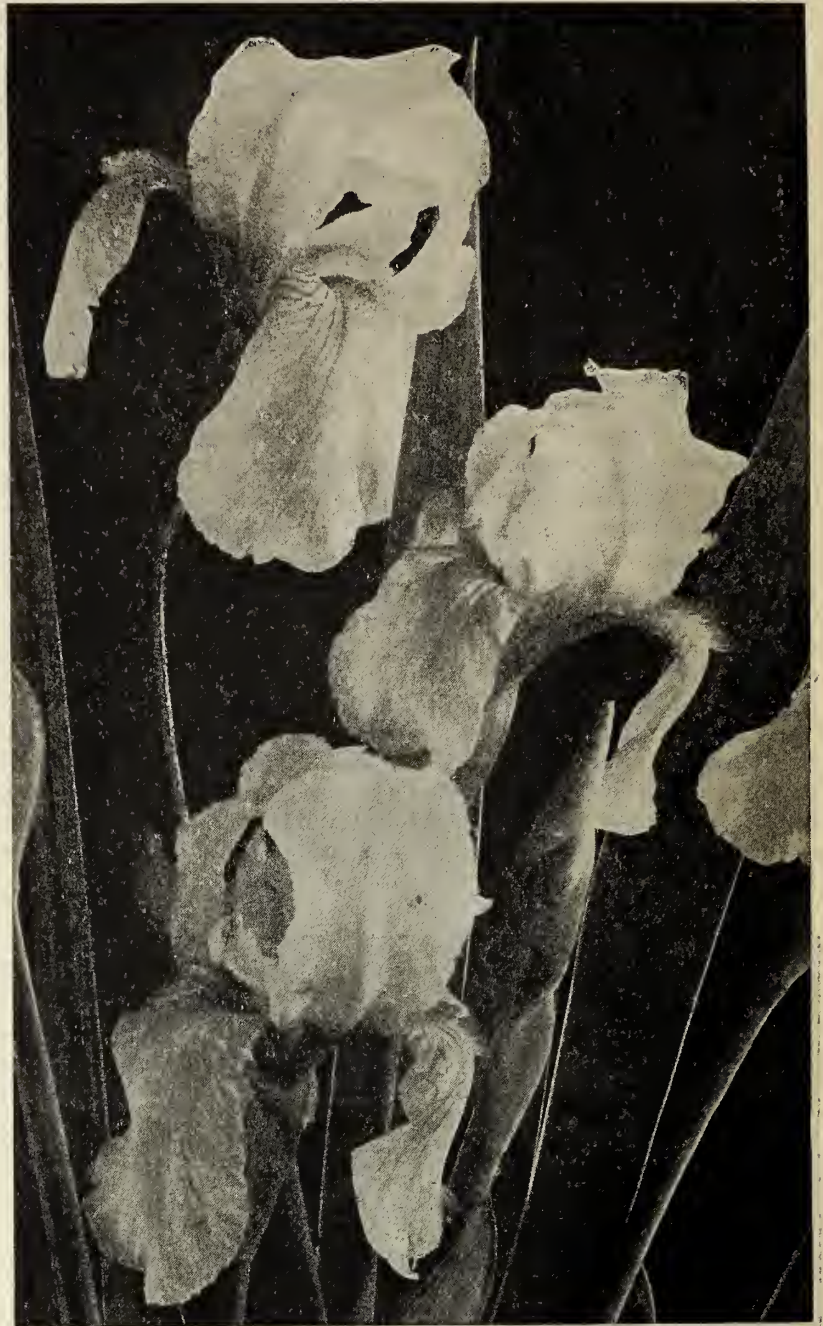
Thunderbolt......Bronze.

Louise....A lovely light blue.

Price of any of the foregoing varieties: Per doz., 35c; per 100, \$2.00.

ORNITHOGALUM (STAR OF BETHLEHEM)

Arabicum.—Tall spikes bearing large heads of pure white flowers, with glistening black centers. This lovely species may be grown in pots or the open ground. Very useful as a cut flower. Highly perfumed. Per dozen, 35c; per 100, \$3.50.



Iris Isolene

OXALIS

These are splendid subjects for your border or for growing in pots in the greenhouse. The plants are dwarf in habit and during the early Spring months produce a veritable carpet of flowers. The following are the best:

Bowerii. Bright pink.

Cernia Lutea. Yellow.

Deppei. Bright Crimson.

Hirta. Deep rose.

Rosea. Pink.

Versicolor. Violet, red and white.

Per dozen, 20c; per 100, \$1.50.

WATSONIA O'BRIENII

Of all acquisitions to the list of garden plants we know of nothing more meritorious than this lovely South Africa Irid. Its pure white flowers are produced on stems four to five feet high and in wonderful profusion. The usual time of flowering is about Easter time, which makes them specially valuable for cut flower purposes. Strong bulbs, each, 15c; per dozen, \$1.50.

Cultural Note.—Watsonias make a steady growth through the Winter and it is highly important that they be planted early. If possible get them into the ground before December. They lose vitality if not planted early.

TULIPS

It was long considered that Tulips were of little or no value for the climate of California, and in a large measure this opinion was justified because of the fact that nearly every one who tried them invariably made a failure. The particular reason for failures occurring was the fact that strains of Tulips absolutely unsuited to our particular section were the only ones sold. It should be borne in mind that there are many classes of Tulips. There are the Early Singles, the Duc-van-Thol, Early Doubles, etc., which absolutely give no results in warm climates. The Darwins, the various types of Breeder Tulips, the various May flowering specimens, etc., had been completely overlooked.

We believe we were the first to make exhaustive tests of Tulips in this section of the country and probably the first firm to popularize them for Spring bedding. We demonstrated that they could be grown here, and not only that but grown to perfection.

It is from Turkestan and the various parts of Asia Minor, climates in many respects akin to our own, that the latter named varieties find their origin, and it is these or the hybrids from them which are adaptable to California gardens.

DARWIN TULIPS SIX MAGNIFICENT VARIETIES

Clara Butt. A clear soft shade of rosy salmon pink. The best Darwin Tulip of its class. A flower of immense size with wonderful keeping qualities. Height two feet.

Madams Krelage. Bright lilac rose. Margined pale silvery rose, interior of bloom soft rosy pink. Very large flowers of superb form and substance. Height thirty inches.

Pride of Haarlem. Bright rose suffused purple. An exquisite flower of superb form and beauty. For solid bedding effects this variety is unsurpassed. Height thirty inches.

Europe. Glorious salmon scarlet, shaded rose. Colors intensely rich. Flowers large and open. Height twenty-four inches.

Glow. Dazzling vermilion scarlet. Center of blooms white with blue markings. Not unlike a large red poppy, the colors being so brilliant. Height twenty-four inches.

Gretchen. Pale silvery rose and blush white. Interior of blooms soft pink marked with blue at the center. A beautiful flower of very large size. Height twenty-four inches.

Price of any of the above Darwin Tulips, each, 10c; doz., 75c.

LATE FLOWERING TULIPS

The list noted below comprises those which belong to the late flowering class usually referred to in catalogues as May Flowering. They, like the Darwin Tulips, cover a wide range of colors and may be absolutely relied upon, if proper attention is given, to produce a splendid show of bloom in your garden. The varieties are inexpensive and should be planted in quantity.

Bouton D'Or (Golden Beauty). One of the richest garden yellow Tulips in cultivation. Large, brilliantly colored blooms and long stems. Per doz., 50c; per 100, \$3.50.

Gesneriana Lutea. A splendid variety for cutting. Stems tall, color yellow. Per doz., 75c; per 100, \$5.00.

Gesneriana Alba Oculata. Rich crimson scarlet with a highly contrasting white eye. Per doz., 50c; per 100, \$3.50.

Gesneriana Spathulata. Rich crimson scarlet with a blue black center. Per doz., 50c; per 100, \$3.50.

Gesneriana Rosea. Handsome rosy carmine with a black center. Per doz., 50c; per 100, \$3.50.

Isabella. Deep pink, large flowered. Price, per doz., 50c; per 100, \$3.50.

Parisian Yellow. A beautiful lemon colored bloom. Per doz., 50c; per 100, \$3.50.

Cultural Note: This is one class of bulbous flowering plants wherein the essential to success lies in the soil in which they are planted. To plant Tulips in a soil of heavy nature will surely spell failure. Plant them in a soil as light as it is possible to give them. They will grow and blossom to perfection in almost pure sand, providing a liberal dressing of manure has been added and thoroughly incorporated by spading over several times a few weeks previous to the time of planting. Select a sunny spot in the garden, and if the soil is not already a very sandy loam, excavate to a depth of ten inches, replacing with sandy loam, three parts to one part of rotted cow manure, and add even to this clean sharp sand, fill to four or five inches above the surrounding ground, level off and tread firmly, rake to a smooth even surface and plant the bulbs in lines three to four inches apart by four inches deep. Place a ridge around the edges so that the bed may be flooded, as sprinkling is more injurious than beneficial and tends to destroy the blooms when open.

W. F. Howell, Newton, N. J.:

"The first one (rose) bloomed in my conservatory and it was the admiration of the town."



Field View of our Giant Flowering Gladiolus grown at our Montebello Nurseries

LATE FLOWERING GLADIOLUS A MAGNIFICENT NEW YELLOW "SCHWABEN"

Although the range of colors in Gladioli is wide and varied, including all shades of pink, white, purple, red, etc., there has not until the introduction of this wonderful sort been a really fine yellow. The blossoms are of faultless form, splendid substance, with numerous flowers open at the same time. The color is a wonderful shade of deep canary yellow with a striking blotch of rich crimson in the throat of the bloom. If you enjoy a good novelty, try some bulbs of this superb variety; it will please you. Each 35c; per doz., \$3.50.

Note: Our stock is limited, hence order early.

Mrs. Francis King. One of the finest of all light scarlet Gladiolus; blossoms of enormous size, opening out quite flat, with a number open at the same time; a favorite commercial sort with Eastern florists. Each, 10c; per doz., \$1.00.

America. The peer of all Gladioli. A strong vigorous grower with large well opened flowers, borne on strong spikes, three to three and one-half feet long. The color is a magnificent shade of soft pink, similar to that seen in some of the cattleya orchids. There is no necessity to speak of its merits as a cut flower beyond the fact that its popularity is widespread both in Europe and America. A planting made of this variety at the present time will insure an abundance of spikes of flowers in early Spring. Successive plantings can be made up to February, or even March. Our stock of bulbs is of our own growing. They are first size and well ripened. They will give results. Each, 10c; per doz., 75c.

H. & S. Prize Mixed. We offer under this head a selection of varieties which for size, color, etc., cannot be surpassed. For over ten years we have been breeding hybrid Gladiolus and the mixture which we now offer you is second to none in this country, in the matter of quality. The spikes are of immense size, the blossoms of mammoth proportions. Contains all colors with the addition of many new and unusual shades. We have no hesitancy in recommending this strain to any one who is fond of Gladiolus. Extra strong bulbs, each, 10c; per doz., \$1.00; per 100, \$6.00.

Early or Winter Flowering Varieties

These are the first of all Gladioli to bloom and are without a doubt the daintiest of all for cut flowers. While they lack the large size of the later flowering sorts they are of even more graceful effect. We offer three of the best.

Blushing Bride. Pure white flaked with carmine.

Peach Blossom. A lovely rosy red flaked with white.

The Bride. Pure white. The very best of this color grown.

Price of any of the above, fine strong bulbs, per doz., 50c; per 100, \$3.50.

Cultural Notes. Plant the bulbs so that the crown is three inches below the surface of the ground. They thrive in a rich light soil and require an abundance of water during the growing period. There is a vast difference to be noted in the ultimate results obtained with Gladiolus wherein good treatment is afforded them rather than poor. Like most bulbs they enjoy a liberal quantity of cow manure mixed with the soil. The bulbs should be planted about six inches apart in the row with the rows not closer together than eighteen inches. When using them for cut flowers, in removing the spikes be careful to leave some of the foliage at the base of the plants. Otherwise a rapid deterioration will be noted in the quality of the bulbs which you will have for replanting the following season.

H. & S. GIANT RANUNCULUS

Our strain of these popular Spring flowering plants is of a very superior quality. The flowers are of giant size and the plants are of exceptional vigor. They attain a height of 18 inches when in full bloom, and far surpass the Dutch or Turban style in both beauty and size. The colors are as diversified as they are beautiful.



H & S Giant Ranunculus

It will be noted that the price is in excess of that charged for common strains, but their infinite superiority, coupled with the fact that the percentage of increase is much smaller, compels us to make this advance. Customers will find, however, that they are well worth

what we ask for them. We invite a comparison of our strain with any other on the market. First size roots, per doz., 50c; per 100, \$3.00.

Cultural Note. Before planting the roots soak them in water for two or three hours; this causes them to swell to full size. Plant them in a good rich soil, claws downward, six to eight inches apart each way and cover the roots with two inches of finely sifted soil.

If a little care is used a glorious display will follow in the Spring, extending over a period of several weeks.

H. & S. GIANT SINGLE ANEMONES

Single Giant (New). A superb strain of Giant Anemones, containing a wonderful range of colors. They vary from purest white to pink, dazzling scarlet, crimson, purple, variegated, with innumerable intervening shades. Flowers of enormous size reaching a diameter of five inches, and carried erect on stems fifteen inches long. They may be planted in lines along a border, or mixed in with other bulbous stuff. For best effect they require planting in masses. Per doz., 50c; per 100, \$3.00.

Cultural Note. Anemones require a rich, loamy soil, to which may be added and thoroughly dug in, a heavy dressing of well rotted cow or horse manure, and it is best to do this some time in advance of the planting time, and to turn and wet several times to thoroughly incorporate and sweeten the mixture. When the time for planting arrives, take the roots and soak in water for two hours previous to planting; this causes them to swell to normal size, and enables one to distinguish the crown of the root, and prevents planting upside down. In planting place a slight ridge around the bed,

so that the plants may be flooded with water. Select a fully sunny position for the beds, and cover the crown with two inches of finely sifted soil.

RANUNCULUS AND ANEMONES READY FOR DELIVERY ABOUT OCTOBER 15TH FREESIAS

Purity. A very fine and comparatively new pure white strain of Freesias. The flowers have none of the objectionable yellow shadings seen in ordinary types. The stems are long, the flowers large and abundantly produced. First size, doz., 35c; per 100, \$2.50. Jumbo bulbs, per doz., 50c; per 100, \$3.50.

Refracta Alba. The older well known form with more or less yellow shading. Flowers are intensely fragrant, and free blooming. First quality, per doz., 15c; per 100, \$1.00. Mammoth, per doz., 25c; per 100, \$1.50. Jumbo, extra large, per doz., 35c; per 100, \$2.50.

TUBEROSES

White Pearl. The best variety of all. Dwarf, double and deliciously fragrant. Each, 10c; per doz, \$1.00.

SPARAXIS

Tricolor. A lovely race of bulbous flowering plants from the Cape of Good Hope. They require much the same treatment as Ixias. The colors are particularly rich and varied. Plant the roots two inches deep and three inches apart, in a good, rich, loamy soil. Bulbs ready for delivery in October. Mixed colors, per doz., 20c; per 100, \$1.50.

Meritorious Novelties and Specialties for Autumn Planting

A WONDERFUL NEW HYBRID AMARYLLIS AMARYLLIS BELLADONNA X CRINUM MOOREI

The adage that "There is nothing new under the sun" regarded from an abstract point of view is undoubtedly correct. Sensed from the material standpoint it is incorrect.

In this new hybrid plant which found its origin in our workshop, our Montebello nurseries, we have united two already existent factors thereby creating a third.

Through the applied science of hybridization we have succeeded in drawing from Nature's wonderful storehouse and by combining them, two principles which were in the latent abstract form and through the union engendered the third so that it has become a new thing to the material sense, a plant of intrinsic worth and beauty, a step forward in the never ceasing processes of evolution.

Some five years ago the thought occurred to us that a hybrid between Amaryllis Belladonna and Crinum Moorei was within the range of possibility. After repeated reciprocal crossings we succeeded in obtaining seed from Amaryllis Belladonna by the pollen of the Crinum. The resulting seedlings obtained bloomed in due course, the net result being a vastly increased vigor in the plants, the spikes of bloom reaching a height of four to five feet, a wonderful shade of soft pink in the color of the flowers, a stem of sturdy proportions, a much larger truss of bloom, but more remarkable still, a total elimination of the deciduous character of the foliage as is to be noted in the mother plant, Amaryllis Belladonna.

The foliage is dark rich green, strap-like as in Crinum Moorei and absolutely evergreen.

An unfortunate matter in connection with this cross is that the plants, in so far as seed production is concerned, are sterile. It is Nature's ultimatum, so far but no farther. However, as the plants may be increased by the division of the bulb clumps, there is

nothing to prevent its eventual introduction into gardens throughout the world. Owing to the incapacity for seed production further development is stopped in this direction.

Those interested in adding to their wealth of garden plants something new and good will find this superb hybrid well worth while.

We have only twenty-five bulbs to deliver this season. The price is \$10.00 each.

A SCARCE AND BEAUTIFUL GRASS ARRHENATHERUM BULBOSUM

This is unquestionably one of the most exquisite of all grasses. The leaves are beautifully variegated green and white. A peculiar feature of this particular grass is the fact that it has a string of corns or bulbs at the base of the leaves.

It makes one of the most ideal edging plants. It attains a height of some eight to ten inches. It is dwarf and compact in character with a sharp contrast between the white and green variegations to be noted in this variety.

Strong plants from 2½ inch pots. Each, 25c; per dozen, \$2.50.

OUR NEW STRAIN OF BEGONIAS

H. & S. MIXED HYBRID SEEDLINGS—A new race of Begonias resulting from a cross of Begonia Rubra and Lucerne. The plants have the same tall character of growth to be noted in Lucerne, but the panicles of bloom occur in a wide assortment of colors, including everything from almost pure white to deep rose. Some of the shades of apple blossom, pink, etc., to be noted are strikingly beautiful. This new class forms a great advance in the fibrous rooted section. They are ideal for planting out in shaded north beds in conjunction with ferns, etc. They also make ideal pot plants for interior decoration. We can only furnish these in assorted colors. Strong plants from three inch pots. Each, 35c; per dozen, \$3.50.

BERBERIS SUBCAULIATA

An interesting new Barberry from China, with graceful reflexed branches and small foliage of a beautiful shade of bluish white. In Autumn it is covered with innumerable small rose colored berries. This plant is one of Wilson's introductions from Northern China. It is quite hardy and will eventually prove one of the best dwarf shrubs for Southern California gardens. The peculiar color of its foliage is of value for contrast effects in shrubbery borders.

Extra fine strong balled plants. Each, \$2.50.

NEW FRENCH CEANOTHUS

Among hybrid shrubs these new Ceanothus are bound to take a premier position. Nearly everyone is acquainted with the wild Lilac or Ceanothus Arborea native to our California hills. Its exquisite shade of pale blue is admired and appreciated by every one. These new varieties are a series of hybrids combining not only the shades of blue to be noted in our native species, but many other colors such as pink, indigo, purple, etc. The individual heads of bloom are much larger, the plants attain a height when fully developed of four to five feet, and they bloom almost without intermission throughout the greater portion of the year. These new varieties are a coming shrub for California gardens, although up to the present time are but little known. We have them in six distinct sorts.

Strong balled plants from the field. Each, \$1.00.

**A SCARCE HIMALAYAN SHRUB
CALICARPA LONGIFOLIA**

This handsome shrub bears quantities of pink flowers and in growth reaches a height of some six feet. It is quite hardy, rapid in growth and will withstand the severest freezing conditions without injury.

Strong plants from 3 inch pots. Each, 35c; per dozen, \$3.50.

CLERODENDRON FARGESII

A rapid growing species with dark green purplish tinted leaves bearing panicles of white flowers, these being followed later with globular fruit about the size of a pea. The color of this fruit is a rich shade of Cobalt blue. A plant in full fruit is an exceedingly attractive specimen.

Strong plants from five inch pots. Each, 50c; per dozen, \$5.00.

COPROSMA BAUERII STOCKII

The glossy green character of our ordinary Coprosma, its spreading habit of growth and its adaptability in shrubbery planting or as a ground cover in large areas, are well known and appreciated. The form above noted has handsome green foliage heavily blotched with yellow. It is a slow growing type and a plant of rather difficult propagation. As a variegated foliage plant, however, in shrubberies, etc., it can scarcely be excelled. It also makes ideal plants for window boxes. It withstands the hottest suns, requiring only an abundance of moisture.

Strong balled plants from the field. Each, 75c.

**TWO VERY FINE NEW CANNAS
QUEEN HELEN**

A mutative form of that exceedingly popular and useful variety, King Humbert. An entirely new type which, although simply a sport from the parent form, is absolutely distinct in character. In the variety King Humbert the foliage is a deep rich bronze with flowers of an intense shade of orange scarlet. In this new variety the foliage is a bright green, the flowers have the same enormous size as the parent type but are totally different in color, same being a rich shade of

orange yellow heavily spotted throughout the entire surface of the bloom with large scarlet dots.

Those who were fortunate enough to see this variety at our nurseries this season were profuse in their expressions of admiration. We have only a limited stock to offer now. Each 50c; per dozen \$5.00.

SAN DIEGO

Although not generally known, Autumn is the best time of the year for the planting of Cannas in Southern California, or in sections where the ground does not freeze. By planting in early Autumn the rhizomes make a well established root action and with the advent of warm spring weather grow away with great rapidity, the result being a long continued display in the following season.

This new variety is a distinct shade of burnt orange and apricot. The heads of blooms and individual blossoms are immense in size and the trusses clean nicely. If you want a unique effect, one tropical to a degree, one which will catch the eye, plant a clump of say three or six of these handsome hybrids in your lawn, add an equal number of Crimson Fountain Grass to the bed and note the results. It will prove a striking combination.

Strong plants ready for immediate delivery. Each 50c; per dozen \$5.00. Postpaid to any address.

IT IS GOOD! IT WILL PLEASE! TRY IT!

THREE SUPERB NEW FUCHSIAS

Andre Le Nostre—An exceedingly large flowered and free blooming Fuchsia, quite double in form. Remarkable for the peculiar prune colored shade of its corolla.

Juliette Adam—A wonderful free flowering pure white Fuchsia. A fine companion to the foregoing variety.

Dollar Prinzessin—A handsome double Fuchsia with blooms of only medium size, but remarkable for the wonderful freedom with which they are produced. The blooms literally cover the plant.

Price of any of the above Fuchsias, each, 25c; per dozen, \$2.50.

**FUCHSIA
CORYMBIFLORA**

A handsome species of Fuchsia which makes an ideal plant for a shady location. Foliage immense in size, blossoms three to four inches long, borne in immense clusters. Brilliant crimson in color. An exceedingly scarce and beautiful sort. It will prove an acceptable addition to any garden. Native of Mexico but will do well here. Extra fine strong plants, each, 35c.

**A BEAUTIFUL GENISTA
GENISTA STENOPETALUS**

This scarce broom or Genista is from the Canary Islands. It bears long racemes of fragrant yellow pea shaped flowers. They are produced in such quantities in the Spring as to almost entirely hide the foliage. The blossoms are much larger than those to be noted in the ordinary Genista Canariensis. No shrubbery border should be without a plant or two of this superb sort. Only hardy in warm sections of the country. Where freezing conditions prevail it must be grown with protection.

Strong plants from five inch pots. Each, 50c.

R. L. Hudson, San Ysidro, Cal.:

"We were delighted to receive today the September copy of your 'What and When to Plant.' We have filed all numbers of this little organ, and its valued pages are thumbed often, and many a golden hint is mined from them."

A FINE GRASS FOR SHADY PLACES ZOYSIA PUNGENS

A dwarf creeping Japanese grass, rich dark green in color, spreading over the ground and covering it with a dense mat of green verdure. This is an ideal variety for shady spots. There are many places where blue grass and clover will not grow. This will take their place. It forms a dense velvety turf, the shade of green being particularly bright and attractive. Grown in flats which can be divided into squares of 100 plants. \$2.50 per box.

KOREAN VELVET GRASS ZOYSIA TENIUFOLIA

This hardy species is an unusually attractive and useful variety. It is hardy even under the severest conditions of weather. It grows with great rapidity and soon makes a dense turf which can be walked over without injury to the plants. It requires a comparatively small amount of water and will be found useful for grass walks, for filling in areas between ferns, etc. As a ground cover it cannot be excelled. Price per square foot, 50c.

NOTE—The regular price of this grass up to the present time has been \$1.50 per square foot. One square foot will make about fifty divisions. We have succeeded in propagating a large stock of it and are now able to offer it at this greatly reduced price.

A CHOICE NEW VARIEGATED IVY HEDERA DENTICULATA AUREA VARIEGATA

We have succeeded in growing some fine plants of this elegant variegated ivy. They are grafted upon the strong growing English form. This gives the plants additional vigor and they grow away with great rapidity. The foliage is deeply dentate, handsomely variegated yellow on a green ground.

Extra strong plants from 5 inch pots. Each, \$1.00.

HYPERICUM PATULUM VARIETY HENRY II

A splendid introduction in a yellow flowered hardy shrub. Blossoms bright golden yellow, cup shaped in form, produced in enormous quantities during the Autumn and Spring months. This variety is much better than Patulum, the ordinary type.

Price, strong plants, each, 75c.

SOMETHING FOR YOUR WINDOW BOX NIREMBERGIA FRUTESCENS VARIETY ATROVIOLOACEA

This compact plant blooms without intermission throughout the Spring, Summer and Autumn months. The flowers are cup shaped and the most pleasing shade of rich violet blue. The foliage is small, firm like in appearance and acts as an excellent foil to the innumerable blooms. The plants last from season to season. We do not know of a single plant more gracefully effective in window boxes than this handsome species.

Strong plants. Each, 25c; per dozen, \$2.50.

STATICE MAGNIFICA

This is something which should find a place in every garden. Not only of exquisite effect planted out but valuable as a cut flower as well. The blooms are everlasting. Splendid for Winter decorative work. The flowers are borne in immense heads, deep rich blue in color. Trusses two feet in diameter. Leaves bright rich green. Each, 35c; per dozen, \$3.50; postpaid to any address.

A NEW AND SCARCE SALVIA SALVIA INVOLUCRATA

A handsome shrub from Mexico with deep rose colored flowers. Blooms in great profusion during September and the later Autumn months. This will prove a fine addition to any shrubbery border.

Strong plants, each, 35c; per dozen, \$3.50.

A GOOD CLIMBING PLANT PASSIFLORA PFORDTII

A Passion Vine of particular worth and beauty. Flowers are light blue suffused with a charming shade of rose. They are borne freely even in small plants. The foliage is broad and palmate in character. If you want a quick growing vine to cover a fence or pergola, or as a wall plant against a building, try this. Each, 25c; per doz., \$2.50.

TWO FINE CLINGING VINES VITIS HENRYANA

A rapid growing vine from China, closely allied to the Boston Ivy or Ampelopsis Veitchii. The leaves have a pretty combination of colors of red, white and green. They are especially attractive during the Fall months. Fine strong plants, each, 35c.

AMPELOPSIS LOWII

A neat compact vine with gracefully lacinated leaves. It is a rapid grower, perfectly hardy and offers quite a contrast to the ordinary Ampelopsis or Boston Ivy so commonly grown in all sections. Fine strong plants, each, 35c.

STERNBERGIA LUTEA

A remarkably beautiful lily which is especially adapted for culture in the open ground. The blossoms are a rich golden yellow resembling in many respects the Crocus. An interesting fact in connection with this beautiful species is that it is the true "Lily of the field" of scriptures. Even though its wonderful beauty is disregarded it should be planted because of its historical association. Strong bulbs, each, 25c.

A FINE NEW FERN NEPHROLEPIS MARSHALLI

This superb new variety from England is unquestionably one of the most delicate and beautiful of all Ostrich plume ferns. The fronds are short, lacy and filmy in appearance. An ideal plant as a center piece for your table.

Beautiful specimens in five and six inch pans, each, 75c.

A WONDERFUL NEW SHRUB FROM CHINA LONICERA NITIDA

We have a splendid stock of this new shrub grown both in 2½ inch pots or in heavy balled plants from the field. If you desire to add to your collection of shrubs this new variety will certainly please you.

2½ inch pot plants. Each 35c; per dozen \$3.50. Large balled plants from the field, 2½ feet high, each, \$1.00; per dozen, \$10.00.

Clarence F. Low, New Orleans:

"The plants that I ordered from you arrived this morning, and, on unpacking them, I find them in splendid condition. They were not only well packed, but the moisture you supplied served the purpose so well that the plants are in better condition than any I have ever received from California. If I had anticipated such good results, I would have ordered many more. I shall remember you, however, next year."

Mrs. Josiah Felter, Haverstraw, N. Y.:

"The Rose LOS ANGELES reached me in fine condition yesterday. I consider it simply marvelous that a live plant should travel over three thousand miles and not a leaf showing the least sign of wilt, a tribute to your splendid method of packing.

"Recently I purchased some roses from a firm in Philadelphia, only a day's travel from this place, and I very much doubt if any will grow."



Partial View of our Seed Growing Department at Montebello

How to Sow Seeds

The above illustration will furnish you with an idea of the best system for planting seeds of various kinds which require transplanting from the seed to their ultimate position in the garden. The many failures which occur in the growing and general handling of various flower seeds are too often the result of ignorance, on the part of the amateur gardener, as to the best means of securing a perfect germination.

In view of the fact that the present time is one when large numbers and varieties of seeds should be sown to insure a good display in the Autumn, Winter and Spring garden, we take this opportunity of offering such suggestions as may be of service to you in the securing of the best results possible.

Take for example the matter of Pansies. More failures occur in growing them from seed than is the case with most any other subject. A peculiar fact in connection with them is the lowered vitality or fertility in a fine strain of seed as against a cheaper one, the ratio of germination being far less in a highly perfected class than a poor one. Pansy seed sells from as low as \$1.00 per ounce up to \$15.00 and \$20.00. If you are sowing a good strain the greatest skill and care must be used or failure will result.

The best method for raising seedlings of annual and perennial plants is to make a series of beds in some sunny location. Take ordinary 1x4 redwood strips and nail them securely to two rows of parallel stakes which have been firmly driven in the ground.

Place the two rows of stakes about three feet apart, and in nailing the curb to them use a level, so that the two lines of 1x4 are of an even grade.

Section off the beds thus made, into smaller beds, say about two feet wide, using pieces of redwood 1x4 inches by 3 feet long.

When the bed is complete, fill with a very light compost to within one inch of the top, firming it down with an ordinary brick to bring the soil to a perfect level. With this operation complete, cover the rough under-soil with a fine sifting of the same compost, run through a quarter-inch mesh screen, firm again and level carefully.

The beds will now be ready for the seed, and over the surface scatter the seed quite thinly, for thick sow-

ing induces damping off and a consequent loss of the crop. As soon as the seed is sown, cover with finely sifted compost. The best size of screen for the purpose is ordinary fly screen.

Be careful not to cover the seed too deeply; one-eighth of an inch is sufficient for most kinds, and in the case of very small seeds not to exceed one-sixteenth of an inch.

When the cover of soil is over the seeds, firm the whole bed with a smooth, flat piece of board.

The next operation is the watering; on the careful manipulation of this matter largely depends the success of the crop.

We have found the best method to insure success—and have used it exclusively in the growing of hundreds of thousands of seedlings of all kinds—to be a gentle flooding of the section.

Use ordinary garden hose, remove the sprinkler or other attachments from the discharge end, and turn on a small stream, say about the thickness of a lead pencil. Put a piece of burlap in one corner of the plat, lay the discharge end of the hose upon it and allow the water to gradually spread over the surface of the soil until it is completely covered. If you have followed the previous directions relative to leveling, etc., not a single seed will be washed out.

When the various sections are thoroughly soaked, place a shade of burlap or other material over the frame to shade from direct sun rays, for germinating seeds do not require sunlight.

In one to two weeks seedlings of ordinary annuals and perennials will appear, and as soon as they do remove all protection, being careful to repeat the flooding process as often as the slightest signs of dryness are manifest.

In warm interior valleys it may be advisable to give temporary protection with muslin, lath or other materials, at least during the warmer parts of the day. If muslin is used it may be tacked to a frame and placed two or more feet above the soil.

It will be understood of course that the foregoing data applies only to the raising of those classes of plants from seed which require delicate handling, and which must be transplanted, and not to hardy annuals like poppies, mignonette, sweet peas, etc., which should be sown in beds where they are to bloom.

Seeds for Autumn Planting

The following list contains a selection of the leading varieties, which if sown now will furnish you with an abundance of Winter and Spring flowers. They are, with few exceptions, seed of our own saving and may be relied upon for good germinating qualities. Each season we receive voluntary reports from our customers commending the fine quality of our seeds.

The seeds are all put up in liberal packages, and if proper care is given in the matter of sowing, watering, transplanting, etc., a bountiful crop may be depended upon. Our strains in every particular are ne plus ultra in quality. The seed has been scientifically grown. You cannot buy better.

ACROCLINIUM

A pretty annual flower everlasting in quality. Very effective in borders during its blooming season with the additional advantage of being valuable in a dry state for house decoration. Height 15 inches. Double Rose, per pkt., 10c; Double White, per pkt., 10c.

ALYSSUM

An exceedingly free blooming dwarf annual, unexcelled for use as a ground cover. Also available for carpet bedding or for edgings.

Little Gem (Carpet Plant)—Snowy white. Height 4 inches; per pkt., 10c.

Procumbens—Pure white, of creeping habit. An excellent variety; per pkt., 10c.

Lilac Queen (New)—Like Little Gem but of a delightful shade of lilac; per pkt., 15c.

flowers frequently measure ten inches in diameter. They range in color from the pure white ground color with markings of rose, red, etc., to rich orange scarlet, cherry, bright red, crimson, mottled, striped, etc. When grown from seed a few flowers will sometimes occur the second season after sowing. During the third season, however, a magnificent show of blooms may be had, providing the plants have received intelligent and liberal cultivation. The seed we offer is saved from our very finest selected varieties, carefully hand fertilized. H. & S. Special Hybrids, all colors.....Per Pkt. 25c

ANTIRRHINUM (SNAPDRAGON)

We direct your attention to the extra fine quality of our various strains of Antirrhinums. For planting out in a herbaceous border, individual bedding effects or among low growing shrubs, Antirrhinums will be found particularly valuable. The cultivation is easy and they grow well in any good garden soil.

- Majus**—Tall giant flowering. Height 24 to 30 inches.
- Atrococcinium**—Deep scarlet.
- Coral Red**—Rich coral.
- Fairy Queen**—Orange salmon with white throat.
- Firefly**—Bright scarlet with white throat.
- Galathee**—Deep crimson.
- Golden King**—Rich yellow.
- Pink Pearl**—White ground shaded peach blossom.
- Rose Dore**—Salmon rose shaded gold.
- Queen Victoria**—Pure white.
- Bonfire**—Glowing orange scarlet.
- Cottage Maid**—Pale pink with white throat.
- Crimson King**—Splendid deep rich crimson.
- Amber Queen**—Flesh with orange amber shadings.
- Daphne**—Soft blush pink.
- Fawn**—Terra Cotta pink and pale yellow.
- Fiery Belt**—Orange with white throat.
- Mauve Beauty**—Rosy mauve.
- Mobile**—White suffused crimson bronze.
- Mixed**—A choice mixture of all of the best semi-dwarf Antirrhinums.

Price of any of the above.....Per Pkt. 15c

ARABIS ALPINA (ROCK CRESS)

A handsome hardy perennial plant, easy to raise from seed and one of the earliest and prettiest Spring flowers for the rockery or for borders. The spreading tuft-like plants are covered with a sheet of pure white flowers. Height six inches. Per pkt., 10c.

AQUILEGIA (COLUMBINE) HYBRIDS OF COERULEA

The value of Columbines for bedding purposes, their exceptional beauty for cut flowers and their hardiness recommend them as one of the most useful of perennial plants. We grow these by the thousands every year. The strain we offer is one of very fine quality, comprising a splendid selection of all of the various colors, including white, rose, yellow and combinations of blue, white and yellow, etc. Strongly recommended for its quality. Height 30 inches. Per pkt. 15c.



Antirrhinum—Cottage Maid

AMARYLLIS (HIPPEASTRUM) H. & S. SPECIAL HYBRIDS

For over twelve years we have devoted our attention to the improvement of Amaryllis until we believe today we have one of the finest strains in existence. The

ARCTOTIS GRANDIS (AFRICAN DAISY)

Pearly white daisy-like flowers shaded with delicate mauve at the tips of the petals. There are few flowers grown more valuable for cutting purposes. The flowers last a week or ten days after being cut. Height 30 inches. Per pkt. 10c.

AUBRETIA GRAECA

A hardy perennial with deep mauve flowers. Used extensively for carpet bedding. It produces great masses of bloom and is a charming companion to yellow Alyssum or blue Ageratum. Height six inches. Per Pkt. 15c.



One of our Prize Amaryllis—three years old from seed

BELLIS PERENNIS (ENGLISH DAISY)

To those who know only the small flowering type of English Daisy, our selection of these new monstrosa types will prove a pleasant surprise. The blossoms are two to three times as large, are carried on sturdy, stout stems, surmounting a tuft of bold, handsome foliage. Splendid for edgings. Height six inches.

Monstrosa White—A giant white, per pkt., 15c.

Monstrosa Rose—Deep rich rose, per pkt., 15c.

BEGONIAS

As bedding plants Begonias rank with Geraniums and Coleus. The varieties we offer you are of the semperflorens type. They succeed as well in the sun as in the shade. Are also useful for growing in pots and are easily raised from seed.

Begonia Semperflorens, Mixed—All colors from purest white to darkest crimson. Height 10 inches. Per pkt., 15c.

CALENDULA (POT MARIGOLD)

It has only been since the introduction of splendid improved types of these old fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and the flowers large and quite double. Extra fine for cutting.

Meteor—Deep yellow striped with lemon, per pkt., 10c.

Prince of Orange—Rich orange tipped with yellow, per pkt., 10c.

Orange King—One of the best. Extra large deep orange colored flowers, per pkt., 10c.

Lemon Queen—Color a rich bright yellow, per pkt., 10c.

Mixed—All colors, per pkt., 10c.

CANDYTUFT

Among the hardy and quickly grown annuals the various varieties of Candytuft are particularly valuable subjects. Those who are not already acquainted with the large flowering varieties and the delightful new shades to be noted in some of the later selections have a pleasant surprise in store. They are not only valuable for bedding, but make splendid subjects for interior decoration as cut flowers. Height fifteen inches.

Giant Hyacinth Flowered White—The largest and best white grown. Our selection of this is extra choice; per pkt., 10c.

Carmine—An attractive shade of carmine; per pkt., 10c.

Flesh Pink—A pretty shade of pale pink; per pkt., 10c.

Lilac—Clear mauve or lilac blooms; per pkt., 10c.

Mixed—All colors; per pkt., 10c.

CANNA

Among the various specialties which we grow we may state that our collection of named varieties of Cannas is second to none in the country, and some splendid seedlings are obtainable from our seed.

Hungaria—We have found from trials that a goodly proportion of pink flowers may be reproduced from seed of this exceedingly fine variety... A peculiar thing in connection with the seedlings is that aside from the pink colors produced, good yellows are obtainable. Per. pkt., 15c.

H. & S. Special Mixed—From the choicest named varieties, including also seed saved from some of our own selected crosses. Per pkt., 15c.



Dwarf Ageratum

CALLIOPSIS

Showy and beautiful free flowering annuals, of the easiest possible cultivation. They do well in any sunny position and are fine for massing or for cut purposes.

Drummondii, Golden Wave—Rich orange yellow with brown eye. Height 18 inches; per pkt., 10c.

Crimson King—Velvety crimson, 9 inches high; per pkt., 10c.

Annual Mixed—A superb mixture, including all shades of colors and combinations of colors in brown, golden yellow, etc.; per pkt., 10c.

COREOPSIS GRANDIFLORA

A hardy perennial bearing masses of golden yellow flowers throughout the major portion of the year. Splendid for cutting. Height 30 inches. Per pkt. 10c.

CANTERBURY BELLS

These favorite old-fashioned flowers thrive well in all sections of the country. Our strain of the *Calycanthemum* or cup and saucer type is an exceedingly fine one. They come almost true to type, each blossom having its well defined cup and saucer form of bloom. There is a vast difference in the quality of the various strains to be noted under this heading. We believe you will find the seeds we offer you to be as good as you can possibly procure.

Calycanthemum—(Cup and Saucer type).

White, per pkt., 15c.

Blue, per pkt., 15c.

Bright Rose, per pkt., 15c.

Lavender, per pkt., 15c.

Mixed—All colors, per pkt., 15c.

Single Varieties—A selection of clean and decided colors.

White, per pkt., 15c.

Rose, per pkt., 15c.

Blue, per pkt., 15c.

Mauve, per pkt., 15c.

Mixed, per pkt., 15c.

CENTAUREA IMPERIALIS (GIANT SWEET SULTAN)

A highly improved strain of *Centaureas* with flowers of magnificent size and a wide range of colors. Being good keepers in water, they are much prized as cut flowers. The distinctive character and informal shape of the blossoms add a grace and charm distinct from all other cultivated plants. Height 30 inches.

Imperialis White—Extra large, per pkt., 10c.

Imperialis, Rose, per pkt., 10c.

Imperialis, Dark Purple, per pkt., 10c.

Imperialis, Lilac, per pkt., 10c.

Imperialis, Mixed, per pkt., 10c.

Suaveolens (Yellow Sweet Sultan)—Like *Centaurea Imperialis* in general formation of bloom, but with flowers of a lovely, pure, rich yellow; per pkt., 10c.

CENTAUREA CYANUS (CORNFLOWER)

An old, well-known favorite. Greatly prized for cutting purposes. We call special attention to our new double blue. This variety will produce 60 to 70 per cent of double blooms, the flowers being much larger than the old single type.

Double Blue, per pkt., 15c.

Single Blue—Height 2 feet, per pkt., 10c.

Double Mixed—Contains various colors of double flowers, per pkt., 15c.

Candidissima (Dusty Miller)—One of the handsomest of all dwarf bedding plants. Our selection of this particular variety is one of unsurpassed quality. The foliage is a uniform, beautiful silvery white, and the plants as even in growth as though they were sheared. Height 12 inches. Highly recommended for bedding or for edging purposes. Per pkt., 15c.

DIANTHUS (ANNUAL PINK)

Although usually treated as annuals, these *Dianthus* are really biennial in character and will flower again the second year, if not killed during the Winter.

Superbissima—A splendid strain of annual Pinks, with deep fringed and ruffled blossoms. Flowers exceedingly large with a wide assortment of colors. Undoubtedly the finest strain of single *Dianthus* in existence. Per pkt., 15c.

Diadematus (Double)—The beautiful diadem pink. Colors rich and varied, including mottled and marked varieties. Per pkt., 15c.



Centaurea New Double Blue

DIMORPHOTHECA

A comparatively new annual from South Africa, producing an abundance of daisy like flowers, some 2½ inches across. Blooms within a few weeks after sowing. Height 12 inches.

Aurantiaca—Rich, glistening orange, with a brownish disk at center of bloom; per pkt., 10c.

Aurantiaca Hybrids—Extra choice. A new series of hybrids offering a unique assortment of shades extending from purest white through tints of orange, yellow, red, salmon, etc.; per pkt., 15c.

EUPATORIUM

Fraseri—A splendid perennial plant covered during the latter portion of the year with hundreds of snow-white flowers. They resemble in many respects giant *Ageratums*, splendid value for cutting purposes; per pkt., 15c.

Louis Aeckerle, Colton, Cal.:

"I do like flowers, and last year's winter blooming Sweet Pea seed you sent me were very fine."

**ESCHSCHOLTZIA (CALIFORNIA POPPY)
NEW DWARF GLOXIANA FLOWERED STRAIN**

A new and highly perfected strain of our own production remarkable not only for its diversity of colors, but for the mammoth size of the individual blossoms. The plants are comparatively dwarf in habit, and the color series leaves nothing to be desired; it includes all colors from lemon yellow to deepest crimson, steel blue, brown and orange, purple and gold, etc.

A bed in bloom catches the eye at once. If you desire something exceptionally fine, try a package or two of this new class. Per pkt., 25c.

THE GEISHA

A lovely new Eschscholtzia with large chrome yellow flowers, delicately shaded to a deeper tint; extra choice, per pkt., 25c.

FRINGED YELLOW

Another new variety with a large proportion of the plants bearing blossoms with fringed edge. Per pkt., 25c.

New Giant Orange Scarlet—A remarkable selection and without question one of the handsomest of all types of California Poppies. Blooms exceedingly large. In color a luminous shade of rich orange scarlet. One of the finest novelties in annual plants introduced in a long time; per pkt., 25c.

Golden West—Enormous flowers. Deep rich yellow with an intense orange colored center; per pkt., 10c.

Carmine King—Flowers a distinct shade of bright carmine rose. Extra good; per pkt., 10c.

White—A good selection with creamy white flowers; per pkt., 10c.



Godetia—Crimson Glow

GLADIOLUS

Our collection of named Gladiolus is second to none in this country, in addition to which we have some remarkably fine seedlings of our own production. The seed we offer has been carefully saved from the very finest large flowered types and may be depended upon to produce some unusually fine sorts. Will flower the second year. **H. & S. Prize Mixed**—All colors; per pkt., 25c.



Dimorphotheca—Aurantiaca

GAILLARDIA

The ease with which Gaillardias may be grown from seed, their extreme hardiness, and unique colors to be noted in the blossoms, place them in the front rank of hardy plants. We call your particular attention to our strain of giant flowering Gaillardias. The blossoms are of mammoth size, and include all the various colors and combinations of colors. If you want something for cutting purposes make a sowing of these.

Gaillardia Grandiflora—Hardy perennial. H. & S. choice mixed. Giant flowers. A strain of exceedingly fine quality; per pkt., 15c.

Lorenziana—Annual. Large double flowers in a splendid assortment of colors; per pkt., 10c.

GEUM, "MRS. BRADSHAW"

A recent introduction and one of the most meritorious additions to perennial plants in a long time. The flowers are large, quite double and of the brightest possible scarlet. Invaluable for cut flower purposes. Height 18 inches. PricePer Pkt. 25c



Gaillardia—New Giant

GODETIA

A showy class of annuals, with large, variously colored flowers producing a constant blaze of color in the garden over a long and extended period of time. Nothing is more conspicuous than a clump of well grown Godetias. Both double and single varieties offer a wide assortment of colors.

Duchess of Albany—Silvery white; per pkt., 10c.

Crimson Glow—Deep, fiery crimson; per pkt., 10c.

Double Rose—A deep, rich rose. Extra choice; per pkt., 15c.

Mixed—All colors; per pkt., 10c.



New Eldorado Poppies

It is not often we are able to present to our customers a strain of such exceptional merit as these superlatively beautiful new Poppies. As stated in our introduction on page 2 these Poppies are the result of crosses between Shirley and Ranunculus flowered types.

The tints and colors to be noted in this new strain simply beggar description. It is replete with shades of salmon, orange, satiny pink, peach blossom, soft orange scarlet, pure white etc., with a total absence of the dark shades to be noted in the ordinary strain of *Papaver Rhoeas* wherein black blotches manifest themselves at the base of the petals, thereby destroying the delicate color effects which are to be noted in a strain where this effect is totally lacking.

We called your attention in the introductory referred to above to what a delicate and charming effect might be secured by sowing these poppies in conjunction with wheat. We would only add that whether they are sown by this method or in solid beds or borders the effect of the plants in bloom is something charming. The shade noted in some of the flowers are as delicate and beautiful as those to be seen in the finest grades of China silk.

Seed of these Poppies may be sown any time from October on. A last sowing may be made during the months of January and February providing a constant display is desired. In cold sections of the country they may be sown as late as March, but in Southern California or similar climates we advise early sowing.

Price, per pkt., large size, 1/16 of an oz., 50c; small size, 25c.

Note.—This poppy seed is exceedingly fine, 1/16 of an ounce contains not less than 5000 seeds.

El Dorado Poppies

GYPSOPHILA

Although the flowers of Gypsophila in themselves are somewhat insignificant in character, they tend to give a beautiful and feathery effect to flower arrangements of all kinds. The blossoms are produced in panicles. The individual flowers are quite small but are produced in great abundance. As a decorative accompaniment to Sweet Peas, Carnations, etc., they are unexcelled.

Elegans Grandiflora—(Annual.) Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing; per pkt., 10c.

Paniculata—A hardy perennial variety. Smaller flowers than Grandiflora, but equally valuable for cut flower purposes; per pkt., 10c.



Gypsophila—Paniculata

HELICHRYSUM (STRAW FLOWER)

A well-known everlasting class of flowers, producing many distinct colors. Helichrysums are an ornament to the garden when growing and are everywhere prized for Winter decorative purposes. Sow either in beds or boxes. The seed we offer is of the giant flowering class. Height 3 feet.

Monstrosum White—Very large flowered, pure white; per pkt., 10c.

Golden—Deep sulphur yellow; per pkt., 10c.

Rose—Bright rose; per pkt., 10c.

Fireball—Brilliant scarlet; per pkt., 10c.

Crimson—Deep crimson; per pkt., 10c.

Violet—Rich dark violet; per pkt., 10c.

Mixed—All colors; per pkt., 10c.

HELIOTROPE

The seed we offer of this popular favorite has been carefully saved from the very finest named varieties. It is nothing unusual for the plants to bear heads fully 12 inches in diameter, produced on compact growing plants. Seed sown in early Spring will produce full grown plants for July blooming. They can be lifted in the Autumn and used as pot plants during Winter in cold sections. Height 15 to 18 inches.

Leur d'Opale—Giant lavender blue; per pkt., 25c.

Centifleur—Giant, dark blue; per pkt., 25c.

HOLLYHOCKS

A superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. A sowing made in early Spring will flower, with good cultivation, during the ensuing Summer and Autumn. There is nothing more attractive as back row plants than Hollyhocks.

Faust. Semi-double, almost black; per pkt., 15c.

H. & S. Prize Pure White; per pkt., 15c.

Newport Pink; per pkt., 15c.

Rose; per pkt., 15c.

Cherry Red; per pkt., 15c.

Yellow; per pkt., 15c.

Mixed—All colors; per pkt., 15c.

Single Allegheny—A remarkable free flowering strain of Hollyhocks with semi-double or single flowers. Many of the blossoms are beautifully fringed with the edges of the petals handsomely undulated; per pkt., 15c.

LARKSPUR (ANNUAL)

The annual Delphiniums, or Larkspurs as they are commonly called, are quite hardy, and produce over a long period splendid spikes or bloom of an exceedingly graceful and attractive appearance. The taller varieties are suitable for shrubberies and borders, while the dwarf strains are splendid as bedding plants. A bed of the various shades lends a charming effect to any garden.

Dwarf Rocket—Mixed, all colors. Height one foot; per pkt., 10c.

Giant Stock Flowered—A tall growing strain, with splendid spikes of bloom. Height 2 to 3 feet.

Pure White; per pkt., 10c.

Delicate Flesh; per pkt., 10c.

Dark Rose; per pkt., 10c.

Lilac; per pkt., 10c.

Dark Blue; per pkt., 10c.

Mixed—All varieties; per pkt., 10c.



Hollyhocks—H & S Prize

LOBELIA

Highly desirable for edgings, ribbon bordering as well as for pot culture. The plants are easily raised from seed and during the flowering period are covered with a sheet of bloom.

Emperor William—Light Blue; per pkt., 10c.

Crystal Palace Gem—Dark Blue; per pkt., 10c.

Mrs. J. S. Johnston, Santa Barbara, Cal.:

"The LOS ANGELES rose came to me in fine order on the 11th. The packing was wonderful."

LINUM

Grandiflorum Rubrum—An elegant, free flowering, hardy annual, easily raised from seed. Its brilliant scarlet flowers attract the attention at once. Height 12 inches. Per pkt., 10c.



Lupin—Polyphyllus Rosea

LUPINS (NEW HARDY HYBRIDS)

The hardiness of various perennial Lupins and their adaptability to so many purposes in garden ornamentation make them an exceedingly valuable, all-around purpose plant. The flowers are delicately scented and the handsome spikes are produced throughout a long season, usually beginning in early Spring and extending throughout the Summer. A sowing made in Spring and treated as annuals may be depended upon to flower during the coming Summer and Autumn. Height 3 feet.

Polyphyllus—A splendid mixture containing colors of white, rose, blue, lilac, etc. Per pkt., 15c.

Polyphyllus Rosea (New)—A particularly choice new Lupin with handsome spikes of rich pink flowers. Per Pkt. 15c.

LYCHNIS

An old garden favorite bearing heads of bright scarlet flowers. Excellent for massing in beds or borders. Absolutely hardy in character, blooming the first year if the seed is sown early. Height 2 to 3 feet.

Chalcedonium—A handsome species with bright scarlet flowers. Per pkt., 10c.

MIGNONETTE

A few plants of these scent the whole garden with their delicate fragrance. Sow in drills, as the seedlings do not transplant readily. Thin the seedlings when one or two inches high to one foot apart. Cover the seed one-eighth of an inch deep with finely sifted soil. Height 12 inches.

Sweet Scented—The old-fashioned variety, very fragrant. Per Pkt. 10c.

Machet—Large flowers with a delicious odor.....Per Pkt. 10c
Victoria—Spikes of crimson flowers.....“ “ 10c
Golden Queen—Broad spikes of golden yellow flowers“ “ 10c

MYOSOTIS (FORGET-ME-NOT)

Among the various flowers of early Spring there are few more appreciated than the various types of Forget-me-nots. All the colors are beautiful, from the pale blue of the Dissitiflora type to the deep blue Alpestris and the white and various rose colored shades. A liberal sowing made in June will produce a large number of plants for blooming in following Spring. Height 10 inches.

Dissitiflora—A magnificent pale sky blue Forget-me-not. Very long stems. One of the best for cutting.....Per pkt. 15c

Alpestris—A lovely shade of deepest blue....“ “ 15c

Alpestris Alba—A pure white.....“ “ 15c

Alpestris Rose—A handsome shade of light rose“ “ 15c

NIGELLA (LOVE IN A MIST)

Miss Jekyll—A lovely Nigella of comparatively recent introduction, which gives an abundance of long stemmed flowers of a beautiful, clear cornflower blue. The blooms are beautifully set above the slender, elegant foliage. Undoubtedly one of the most attractive of annuals. A gem for cut flowers. Height 18 inches. Per pkt. 15c.



Larkspur—Giant Stock Flowered

NEMESIA STRUMOSA

A charming class of dwarf annuals which deserve far greater attention than they have received. The plants are smothered for a great portion of the Summer and Fall with small, orchid-like blooms which occur in a wide range of colors. They are splendid for pot culture or bedding. The colors range from white to shades of scarlet, crimson, orange, etc. Height 12 inches. Per pkt. 15c.

NEMOPHILA (BABY BLUE EYES)

For beds in the open garden or for ribbon borders the various types of Nemophilas produce a charming effect. They make a splendid ground cover for beds planted to Daffodils or other Winter flowering bulbs. Both the blue and spotted varieties are especially attractive.

- Insignis—A delightful shade of bright blue.
Height 6 inches.....Per Pkt. 10c
- Maculata—Pale lavender spotted with deep violet. Height 6 inches..... “ “ 10c



Mignonette—Machet

PETUNIAS

After many years of careful selection and hybridization we have obtained a strain of giant single and double Petunias second to none. We call your special attention to our giant double flowering mixed, which we believe to be one of the finest strains procurable. It is a well-known fact that seed saved from the most carefully hybridized flowers will produce but a small percentage of double flowers, the balance being single of unusually fine quality.



Myosotis—Alpestris

Rosy Morn—Soft blush pink with white throat. Large single flowers beautifully fringed. An excellent bedding variety.....Per Pkt. 25c

- H. & S. Giant Single Fringed and Ruffled, Mixed—Our own mammoth single strain of Petunias, the flowers being distinctly frilled and ruffled.....Per Pkt. 25c
- H. & S. Giant Double Fringed, Mixed—Saved from our own superb strains, producing a large percentage of giant double flowers “ “ 50c

POLYANTHUS

These are often referred to as Primroses. They produce immense quantities of brilliantly colored heads of bloom in early Spring. They are particularly suited for shady borders or may be grown as pot plants for interior or window decoration. Height 9 to 10 inches.

Choice Mixed—Containing a well balanced mixture of white, yellow, bronze, red, etc.; per pkt., 15c.



Nigella—Miss Jekyll

POPPY

Poppy seed should be sown where the plants are intended to flower. It is difficult to transplant them with any degree of success. In the strains which we offer you below you will find not only a wide selection of colors, but the best obtainable in their respective classes.

DOUBLE SHIRLEY POPPIES

One of the most valuable introductions by way of a new strain of Annuals to be noted in a long time. The beauty of the well known single type of Shirley Poppy is even accentuated in this wonderful new strain of doubles. It contains a remarkable assortment of colors with beautifully frilled and undulated petals. It is a strain we recommend all of our customers to try for we are certain they will be more than pleased with the result; per pkt., 25c.

Re-Selected Shirley—A superstrain containing all shades of colors from purest white through the various shades of pink, salmon, rose, maize, etc. Scarcely any two of the blooms are alike; per pkt., 10c.

Carnation Flowered, Mixed—Splendid double fringed blossoms; per pkt., 10c.

Paeony Flowered, Mixed—Large double Paeony-like flowers, well adapted for planting in shrubberies, etc.; per pkt., 10c.

PAPAYER NUDICALE (ICELAND POPPY)

A hardy perennial of delicate and refined beauty and which deserves greater recognition than it ordinarily receives. They succeed well in the colder sections of the country. They thrive in California in a semi-shady location. The plants retain their foliage all winter and come into bloom early in Spring.

Mixed—All colors, including white, yellow, orange, red, etc.; per pkt., 10c.



Mexican Poppy

HUNNEMANNIA (MEXICAN POPPY)

Fumariaefolia—A native Mexican Poppy of exceeding grace and beauty. The flowers are a beautiful, deep lemon yellow, and are produced in wonderful profusion. One of the best of all for cut flower purposes; per pkt., 10c.



Salpiglossis—Giant Emperor

PYRETHRUM AUREUM (GOLDEN FEATHER)

A well known plant extensively used for edging and carpet bedding. The foliage is bright yellow and fern like in character. Very easily raised from seed. Height 6 to 8 inches; per pkt., 10c.

ROMNEYA COULTERII (MATILJA POPPY)

A majestic perennial plant native to the State of California. Flowers snowy white, 6 to 8 inches in diameter, with a highly contrasting bunch of yellow stamens at the center. Romneys may be easily raised from seed. The best plan is to sow in the Autumn and prick off the seedlings as soon as they appear in the Spring. Very slow to germinate.

Price; per pkt., 15c.



Poppy—Double Paeony

SALPIGLOSSIS

Among the various ornamental and free flowering annuals there are but few more easily grown or more beautiful when in bloom than Salpiglossis. During the past few years numbers of fine strains have made their appearance, showing a great improvement both by way of color and size of blooms. A bed of these beautiful plants is easily one of the most striking features in any Summer or early Autumn garden. The strain we offer you below represents the acme of perfection to which Salpiglossis have been brought at the present time. The flowers are funnel shaped and occur in all shades of blue, purple, orange, lemon, etc.

Isaac Pollard, Nehawka, Neb.:

"I wish to congratulate you on your efficient manner of packing trees for long shipments."

Mrs. Sidney Haymond, Clarksburg, W. Va.:

"The plants came in fine shape and all green. I did not suppose they would live. I was so proud of them. I never got plants in finer condition."

Mrs. B. G. Fox, Globe, Ariz.:

"Both of the LOS ANGELES Roses bought of you this Spring are covered with buds, some nearly opened, while the Climbing Cecil Brunner has been a mass of buds and blossoms ever since May 1st."

Evelyn P. Judd, Montecito, Cal:

SALPIGLOSSIS

Some extra choice shades of dwarf large flowered types in separate colors. The varieties noted in the subjoined list will be found to be almost perfectly true to color description. This seed was grown on our own trial grounds and has been carefully rogued both as to type and height of plants. If you desire Salpiglossis in separate colors for a particular color effect the strain we offer you below will be found one of exceptional quality.

Giant Crimson—Dwarf, compact. Immense flowers. Per packet, 15c.

Purple, Brown and Gold—A unique combination of colors. Per packet, 15c.

Faust—Dark maroon crimson. A rich color. Per packet, 15c.

Lilac and Gold—A combination of two beautiful shades in a single flower. Per packet, 15c.

Chamois—Light salmon yellow. Per packet, 15c.

Purple, Violet and Gold—Rich and effective. Per packet, 15c.

Giant Emperor, Mixed—Height 3 to 4 feet; per pkt., 15c.

SCABIOUS

The large size and the varied colors of the blooms, ranging from white to pink, cherry red and blue, etc., render Scabious very desirable for bouquets, etc. Seed sown now, in boxes and transplanted to the open ground, will make a bright display during Spring and Summer. Height 3 to 4 feet.

Azure Fairy—An exquisite shade of lavender blue; per pkt., 15c.

Black Prince—Deep maroon red, almost black; per pkt., 15c.

Mixed—A splendid assortment of all colors; per pkt., 15c.

SCHIZANTHUS

One of the prettiest of half hardy annuals and amenable to a variety of uses. In a climate similar to that of Southern California it makes an ideal bedding plant planted right out in the open. It can be grown in pots in greenhouses and brought into bloom during Winter and Spring when flowers are exceedingly scarce. A single package of seed will produce a large number of plants and furnish an abundant variety of flowers. The various shades of yellow, apricot, pink, salmon, carmine, rose, mauve, purple, with their various mark-

ings and combinations, and the graceful form and wonderful profusion in which the blossoms are borne should recommend them to everyone.

Wisetonensis—Undoubtedly one of the finest strains in existence. Highly improved over the ordinary stocks; per pkt., 15c.



Statice—Sinuata

STATICE

Aside from the value of Statice as plants for the border, they furnish an abundance of cut flowers which are of great value for mixing with bouquets. The blooms may also be dried and used in Winter Bouquets. They retain their color perfectly in a dry state. They do best in a rather sunny location.

Sinuata Blue—Height 18 inches; per pkt., 15c.

Sinuata White—Height 18 inches; per pkt., 15c.

Sinuata Mixed—White, lavender, blue, etc.; per pkt., 15c.

Latifolia—Splendid hardy Perennial with immense panicles of small lavender blue flowers. An ideal subject for mixing with Carnations, Roses, etc. Not unlike Gypsophila in general appearance. Height 2 feet; per pkt., 15c.



Stocks as grown for seed at our Nurseries

SHASTA DAISIES

Our improved strain includes varieties absolutely new in Shasta Daisies. Many of the blooms are semi-double, while others have the petals split or bifurcated at the tips, giving the whole bloom a fringed appearance. Shasta Daisies are easily raised from seed and from that we offer you some very fine varieties may be expected.

H. & S. Giant, Mixed—Height 18 inches; per pkt., 15c.



Stock—Giant Beauty of Nice

STOCKS

No Spring garden can be considered complete without some of these showy annuals. The seeds we offer are saved from our own giant strains and will produce a high percentage of choice double blooms. It should be borne in mind that Stock seed is only saved from the single flowers, as the double flowers are absolutely sterile, the result being that there is always a percentage of singles in even strains of the highest quality. As a general thing the large, vigorous plants in the seed bed are the singles; the weaklings usually produce the choice double flowers. The percentage of doubles varies considerably in the different colors, but fully 60 to 70 per cent of fine double blooms may be depended upon from our seed. Height 18 inches.

**A SPLENDID NEW VARIETY
MAD. PACQUETTE**

A lovely new color in Stocks and one which will appeal to every lover of flowers. The shades to be noted in the flowers are difficult to describe, but might be referred to as chamois yellow with salmon shadings. An exquisite variety for cut flowers and of a superb decorative effect under artificial light. If you are interested in a choice novelty try this one; it's good. Per pkt., 25c.

GIANT BEAUTY OF NICE TYPES

Pink, per pkt., 15c.
White, per pkt., 15c.
Light Blue, per pkt., 15c.
Purple, per pkt., 15c.
Flesh, per pkt., 15c.
Carmine, per pkt., 15c.
Crimson, per pkt., 15c.
Canary Yellow, per pkt., 15c.
Mixed, per pkt., 15c.

BRACHYCOME (SWAN RIVER DAISY)

A handsome class of low growing plants covered during the major portion of the Summer and Autumn with an abundance of small blue or white flowers. Particularly adapted for growing in pots or as edging for beds of tall annuals or perennials. Per pkt., 10c.



Swan River Daisy

SWEET WILLIAM

One of the most highly esteemed of all hardy garden plants. They are not only of easy culture, thriving in any garden soil, but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring for blossoming the following year. Height 12 inches.



Sweet William—Giant Auricula Eyed

Giant Auricula Eyed—A handsome strain with very large flowers and mammoth individual trusses. All of the flowers have large white eyes and are zoned with various colors towards the exterior of the bloom. Extra choice. Mixed all colors; per pkt., 15c.

Pink Beauty—Single. Beautiful pure pink; per pkt., 15c.

Harlequin—Unique owing to the fact that it bears a number of different colored blooms on the same plant; per pkt., 15c.

New Annual—A new strain bearing large heads of bloom and flowering the same season the seed is sown. It may be depended upon to blossom within some ninety to a hundred and twenty days after sowing; per pkt., 15c.

VALERIAN

Large, showy perennial plants producing large corymbs of red or white flowers. Particularly valuable for the herbaceous border. They also make good cut flowers. Height 2 feet.

Rubrum—Red; per pkt., 10c.

Alba—White; per pkt., 10c.

VERBENA

We call your attention to the unusual, high quality to be noted in our prize strain of these old-fashioned, popular plants. We do not hesitate to say that it is one of the best procurable. It contains not only a wide range of colors, but is remarkable for the mammoth character of both the individual blossoms and trusses. It is easily grown from seed, flowering within a comparatively short time and giving an unbroken succession of flowers right through the Summer and

Autumn. To those of our Eastern friends who want something good in Verbenas, we would suggest a trial of this strain.

H. & S. Prize Mixed—Extra choice. Saved from very shy seeding varieties in a splendid selection of colors; per pkt., 25c.

Large Flowered White; per pkt., 15c.

Crimson; per pkt., 15c.

Purple; per pkt., 15c.

WAHLENBERGIA (PLATYCODON)

A splendid, hardy perennial producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery. The bell-shaped flowers are very similar to Canterbury Bells in appearance. Height 2 feet.

Grandiflora—Large, steel blue flowers; per pkt., 15c.

WALLFLOWERS

New early flowering varieties which can be treated as annuals, if sown early in seed beds, will bloom freely during the coming Summer and Autumn.

Early Paris Market—Light brown; per pkt., 15c.

Golden Gem—Bright golden yellow; per pkt., 15c.

Blood Red; per pkt., 15c.

GRANULATED PEAT

*The Ideal Fertilizer for
Flowers and Lawns*

What is more depressing than a bed of starved flowers?

No matter how beautiful or imposing the home, a neglected and burned lawn will ruin it.

Nothing responds more generously to proper soil care than grass and flowers.

It has taken us a long time to find a supply of granulated peat, but we have it now.

The greater part of the nitrogen of soils is stored in humus. Granulated peat is practically all humus, and it is absolutely all plant food. It contains all the essential plant food elements in a readily available form.

Granulated peat is far superior to barnyard manure because it is

**Clean, Odorless, Incapable of Souring the Soil
A Genuine Delight to Handle and Work with**

Besides serving as a complete fertilizer, granulated peat will lighten up heavy soils, it will increase the number and activities of the favorable soil bacteria, it will help retain soil moisture, it will make soluble the unavailable plant foods already in the soil and make generally for natural and healthful soil conditions.

Unlike a commercial fertilizer, it cannot injure the most tender plant of the garden by excessive use.

Apply granulated peat any day of the year. Use it as we do—for potting plants. You should have a supply of it on hand at all times.

One Hundred Pounds.....\$1.50

Five Hundred Pounds..... 7.00

Sold by the sack, load or ton.

Howard Smith

Soil Department
LOS ANGELES, CAL.

THE BEST SWEET PEAS TO PLANT

There are but few annuals more highly prized or more useful to the average garden owner than Sweet Peas. From a single packet of seed, procured at a nominal cost, a large quantity of deliciously fragrant and beautifully colored blooms may be produced, alike valuable for the decoration of the house or garden.

Sweet Peas, as is the case with many other annuals, have during recent years been greatly improved. A few years ago the old Eckford race of grandiflora types were all the "go," then came the first break or mutation in flowers of the type, the advent of a plant bearing waved or frilled blossoms, named Countess of Spencer, and in itself, through other mutations or crossings, the progenitor of the now well known Spencer or Orchid-Flowered class of Sweet Peas.

A still further break occurred in more recent times which has given us the Early or so-called Winter class of Spencer Sweet Peas, now procurable in all shades of colors. Their precocity, in so far as early blooming is concerned, renders them invaluable for cut flowers; their blossoms equal in size those of the best late blooming sorts; but better yet, their introduction means that by successive sowings you can have an unlimited supply of these lovely and fragrant flowers from October to June.

In making plantings of these two races, the early and the late blooming classes, we would state that for Christmas blooms sow the Early-Flowering sorts in August and September; later sowings may be made for February, March and April blooming. The Late-Flowering Spencers may be sown from October on, but they will not (except in especially favored locations) bloom much before the end of April.

The collection of Sweet Peas we submit to you are the best out of hundreds of varieties. The novelties, especially those of the Late-Flowering sorts, are simply magnificent. If you plant these seeds, and care for them during their growing period, you can depend on satisfactory results. We have done our part, started you right, with seed of pedigreed strains, strong in germinating power, true type and color; no better obtainable anywhere. It's up to you, and

NOW IS THE TIME TO PLANT.

EIGHTEEN SUPERB NEW VARIETIES

Latest addition to Sweet Peas by way of color, size and length of stem.

AGRICOLA—White overlaid soft lilac.

AFTERGLOW—Reddish mauve with violet wings.

BLUE JACKET—Rich deep blue. One of the very best.

CONSTANCE HINTON—The best giant pure white.

DECORATOR—Salmon pink.

DOBBIE'S SUN PROOF CRIMSON—Intense deep crimson. As its name implies it is sun proof. Extra choice.

DUPLEX PINK—A superb selection. Double. Countess of Spencer type. Extra large.

EDITH TAYLOR—Magnificent pale salmon rose.

HERCULES—Beautiful light pink.

ILLUMINATOR—Glowing salmon cerise.

LADY EVELYN EYRE—Pale pink, slightly flushed salmon.

MARGARET ATLEE—Warm salmon pink overlaying cream ground. Extra large.

MAUD HOLMES—Pure crimson self. Extra large and fine.

WEDGEWOOD—A lovely shade of light blue.

ROSABELLE—Rich bright rose.

NEW MARGARET MADISON—Best pale Lavender.

NEW MIRIAM BEAVER—A magnificent novelty. Light, creamy pink. Flowers immense.

ROYAL PURPLE—Immense flowered, deep rich purple.

PRICE of any of the foregoing new Sweet Peas, liberal packages, per pkt., 25c.

All the above varieties in mixture, per pkt., 25c.

SPECIAL OFFER

One package of each of the above superb varieties, eighteen in all, for \$3.25.

Any twelve packages, \$2.25.

Any six packages, \$1.25.

TWENTY SUPERB STANDARD VARIETIES OF SWEET PEAS

America—Ivory white striped crimson.

Asta Ohn—Soft pinkish lavender.

Aurora Spencer—Rose-striped pink.

Countess of Spencer—Beautiful clear pink.

Elfrida Pearson—Lovely shade of soft pink.

Florence Nightingale—Delicate soft lavender.

Gaiety—White flaked crimson.

Gladys Unwin—Pale, light pink.

Helen Pierce—White overlaid with blue.

Helen Lewis—Deep orange rose.

King Edward—Superb crimson scarlet.

Loyalty—White flaked with violet.

Marie Corelli—Cherry red and rosy crimson.

Mrs. Routzahn—Straw, tinted with blush pink.

Mrs. Hugh Dickson—Creamy pink.

Mrs. Ireland—Bright rosy pink with blush shadings.

Nubian—Deep chocolate.

Othello—Rich maroon.

Sterling Stent—Deep salmon and orange.

Vermillion Brilliant—Deep, rich scarlet.

Price of any of the foregoing, per pkt., 15c; all colors mixed, per pkt., 15c.

SPECIAL OFFER

One each of the above 20 varieties of Standard Sweet Peas for \$2.50.

One package of any ten of the above varieties, \$1.25.

Fall is the best time of the year for planting the numerous varieties and species of perennials. Early planting means a well established root action through winter, and a vigorous growth as a consequence early the following Spring.

ANEMONES

The perennial varieties of Anemones are amongst the most beautiful of all our Fall flowering plants. As cut flowers they last exceedingly well and there are few plants more attractive or graceful in the herbaceous border. They do best in a partially shaded northern aspect, require an abundance of water with an occasional mulch of well-rotted manure.

Alba—Petals snowy white with yellow center. Flowers two to three inches in diameter. Height four feet. Each, 15c; doz., \$1.50.

Queen Charlotte—Semi-double in form and a most pleasing silvery pink in color. Attains a height of four to five feet. Each, 15c; doz., \$1.50.

Loreley—Deep pink. Extra large flowers. Each, 15c; doz., \$1.50.

Kremhilde—A lovely shade of soft pink. Large, perfectly double flowers. One of the best. Each, 15c; doz., \$1.50.

ACANTHUS

Mollis—A handsome foliage and flowering plant for herbaceous borders, with large spikes of pretty rose-colored flowers. Leaves broad, dark green in color, handsomely notched on the margins. Height four feet. Each, 25c; doz., \$2.50.

ANCHUSA

Italica (Dropmore Variety)—A recent and noteworthy addition to the list of hardy border plants. Does best in partial shade. Flower stems attain a height of six feet. Flowers not unlike a giant Forget-me-Not. Color a superb shade of deep blue. Strong plants. Each, 25c.

ASTERS (PERENNIAL)

There is a large and growing demand for the various types of perennial Asters. Their dainty, starry flowers and the wonderful profusion in which they are produced make them striking subjects for flower borders, aside from which they are of great value for cut flower purposes. We offer you a few of the best.

Beauty of Colwall (New)—A handsome double flowered light blue variety. Each, 15c; doz., \$1.50.

Feltham Blue—Handsome bright blue. Produces dense masses of starry flowers. Each, 15c; doz., \$1.50.

Grandiflora—One of the best of all. Flowers bright blue in color. Extra large. Each, 15c; doz., \$1.50.

White Queen—One of the best of all white Asters. Remarkably free blooming. Each, 15c; doz., \$1.50.

FUCHSIAS

Customers will find in the collection offered below many choice named varieties which are not often seen in catalogues. They are varieties which we have gathered from all sources and which will be found not only distinct in character, but remarkable for their flowering character as well as for the enormous size of the individual blooms. Fuchsias do well in any protected north border and bloom in great profusion during the warmer months of the year. Give them a well prepared bed which has been thoroughly enriched with manure and copious supplies of water during hot weather.

FIFTEEN SUPERB DOUBLE FUCHSIAS

DIAMANT—Enormous flowers. White with carmine shading. Sepals rosy scarlet.

EMILE LAURENT—Corolla rose and white. Sepals clear rose.

GENERAL DRUDE—An enormous double white.

G. PORTESI—Violet blue veined scarlet.

GRAPHIC—Deep violet purple. Sepals scarlet.

JULIETTE ADAMS—Free flowering, double white.

JARRY DESLOGES—White with rosy carmine at the base.

LUCIEN DANIEL—Bluish purple. Sepals light red.

LE ROBUSTE—Violet blue, veined dark rose.

M. LEQUET—Handsome double white.

PYTHAGORE—Violet with dark red sepals.

ROSE PHENOMENAL—Lavender mauve.

SYLVIA—Calyx scarlet. Long, pure white corolla. Very fine.

TORPILLEUR—Red sepals. Corolla flesh shaded with rose.

YVES DELAGE—Red sepals with corolla prune color.

PRICE of any of the above, each 20c; per doz., \$2.00.

FOUR LARGE FLOWERED SINGLE FUCHSIAS

Black Prince—Corolla rich rose. Sepals scarlet.

Elsa—Sepals rose. Corolla rosy purple.

Swanley Yellow—Orange red flowers.

Souvenir de Henry Henkle—Carmine rose. Foliage crimson.

Price of any of the above, each 20c; doz., \$2.00.

BABY FUCHSIAS

Handsome miniature flowered Fuchsias resulting as hybrids between Fuchsia Riccartoni and some of the larger flowered types. They are very vigorous growers and produce a wonderful profusion of small, dainty flowers. We can offer them to you in the following varieties, all of which are distinct and include both single and double forms.

BEAUMARCHAIS

BERANGER

CARMEN

ENFANT PRODIGE

ELYSEE

FLORIAN

NESTOR

RONSARD

Price of any of the above, each 20c; per doz., \$2.00.

Note.—These Baby Fuchsias made admirable pot plants. They can be grown in standard, pyramidal or bush form. The flowers are produced in such profusion as to literally cover the plant.

COLUMBINE

Aquilegia Coerulea Hybrids—A superb strain of long spurred types containing all shades from pure white to deep purple, including yellow, rose, red, pink, etc. Columbines are quite hardy and will grow and blossom in profusion in any section of the country. You will find this strain one of unsurpassed beauty. Each, 15c; doz., \$1.50.

COREOPSIS

Grandiflora—A splendid plant for cut flower purposes, being covered for the greater portion of the year with endless quantities of golden yellow blossoms, two to three inches across. Each, 10c; doz., \$1.00.

CUPHEA

Platycentra—A compact bushy plant bearing quantities of small tubular flowers, the lower part of which are bright scarlet, merging to maroon and white at the tips. A fine bedding plant, as it blooms incessantly. Requires a warm sunny position. Each, 15c; doz., \$1.50.

Hyssopifolia—A comparatively little known border plant but one of great beauty and worth. It equals boxwood as an edging plant and has the additional advantage of being constantly in bloom. The flowers are minute in size and in color a violet blue. Each, 15c; doz., \$1.50.

DELPHINIUM

BELLADONNA—A lovely sky blue hardy larkspur of perpetual blooming habit. The plants are comparatively dwarf in growth, rarely exceeding three to four feet in height. They branch freely from the base and bloom without interruption from early Spring until late Autumn. Extra strong one year clumps. Each, 20c; doz., \$2.00.

GAZANIAS

A splendid class of dwarf half hardy plants, growing only to three to four inches high and covered with flowers two to three inches in diameter, varying in color from almost pure white to deepest orange.

Aurantiaca Yellow—Beautiful pale yellow variety. Each, 10c; doz., \$1.00.

Aurantiaca Orange—Similar to the above with bright orange colored flowers. Each, 10c; doz., \$1.00.

Mixed—All colors. Each, 10c; doz., \$1.00.

GYPSOPHILA

Paniculata—This is the variety so much used by florists for mixing with bouquets, etc. The plants attain a height of two to three feet, are much branched and covered during Spring with innumerable minute pure white flowers. Each, 15c; doz., \$1.50.

**HELIANTHUS
(PERENNIAL SUNFLOWER)**

We offer you three of the best perennial varieties. During their season the plants are a mass of golden yellow flowers. For a color effect in the garden or for cut flowers, they are extremely valuable. They delight in a good rich soil with plenty of water and full sun.

Maximus—Covered with innumerable golden yellow blossoms from June to September. Strong plants. Each, 15c; doz., \$1.50.

Meteor—Similar to the above in foliage and height, but different in the shape of the flowers, the guard petals being somewhat wider. Each, 15c; doz., \$1.50.

Miss Mellish—A lovely single variety with cactus-shaped blooms produced on stems six to eight feet high.

An excellent cut flower variety. Each, 15c; doz., \$1.50.

**HEMEROCALLIS
(JAPANESE DAY LILIES)**

For the margins of ponds or in the open border these lovely Japanese plants are of especial value. They form dense tufts of long narrow foliage, surmounted by large trumpet shaped blooms. They are of perennial duration and require but little care beyond watering.

FIVE VERY FINE VARIETIES

Aurantiaca—Enormous flowers, very sweetly scented. Color, bright golden yellow. Each, 35c; doz., \$3.50.

Aurantiaca Major—An improvement on Aurantiaca. The largest flowered variety in the family. Color, rich orange. Each, 50c; doz., \$5.00.

Florham—Pure light yellow variety with flowers of medium size. Blossoms continuously from April to November. Each, 25c; doz., \$2.50.

Sovereign—A medium shade of yellow. Blooms of good size and freely produced. Each, 25c; doz., \$2.50.

Thunbergii—A late flowering sort. Flowers quite small, borne on slender stems. Delicate lemon yellow in color, sweetly scented. Each, 35c; doz., \$3.50.

HOLLYHOCKS

The varieties we offer are from our own prize collection. The blossoms are perfectly double, and well arranged on tall handsome spikes. We can furnish them in the following colors: Pure white, yellow, rose, cherry red, dark crimson, etc. Extra strong plants. Each, 25c; doz., \$2.50.

HUNNEMANNIA

Fumaerifolia—The yellow Mexican Poppy with bright golden yellow flowers, two or three inches across. An elegant plant for cut flower purposes. Each, 15c; doz., \$1.50.

PENSTEMONS

Sensation—A superb selection of Penstemons with enormous Gloxiana-like flowers in all colors from white to deep crimson, with intervening shades of pink, scarlet, purple, rose, etc., with their variously mottled and penciled throats completing a color series of matchless beauty. Each, 15c; doz., \$1.50.

PERENNIAL PHLOX

These old-fashioned plants, in their new and improved types, make one of the most imposing displays of color that it is possible to obtain in the garden. A remarkable thing in regard to Phlox is that there is not a state in the Union in which they will not grow and thrive. They withstand heat and extremes of cold and yet with the return of each Spring and Summer there is a wonderful display of their handsome heads of bloom.

We grow each season an immense quantity of Phlox and have ready for Spring delivery a grand lot of one-year-old clumps, which, if planted in your garden during the current season will furnish a bountiful show of flowers the ensuing summer. At this time of the year Phlox can be sent in dormant or bare root condition. For this reason they pack lightly and can be transported to distant points at very small expense.

A CHOICE ASSORTMENT OF THE BEST VARIETIES IN CULTIVATION

Albion—Pure white with a faint aniline red. Each, 15c; doz., \$1.50.

Bridesmaid—Pure white with crimson eye. Each, 15c; doz., \$1.50.

Coquelicot—Bright scarlet. Each, 20c; doz., \$2.00.

Champs Elysee—Rich magenta crimson. Each, 15c; doz., \$1.50.

Elizabeth Campbell—Beautiful light pink. Each, 20c; doz., \$2.00.

Europa—White with small dark eye. Extra large. Each, 20c; doz., \$2.00.

F. G. Von Lassburg—Enormous pure white. Each, 20c; doz., \$2.00.

Frau Dora Umgeller—Bright rosy purple. Each, 20c; doz., \$2.00.

George A. Strohlein—A grand scarlet. Each, 20c; doz., \$2.00.

Gen. Von Heutz—Bright orange salmon. Each, 20c; doz., \$2.00.

Hervor—Rose with white eye. Each, 20c; doz., \$2.00.

Helen Vacaresco—Dwarf pure white. Each, 15c; doz., \$1.50.

Henri Renault—Immense purple. Each, 15c; doz., \$1.50.

Inspector Elpel—Pale rose with dark eye. Each, 20c; doz., \$2.00.

Mrs. Robinson—Pure salmon. Each, 15c; doz., \$1.50.

Lothair—Dark salmon with carmine eye. Each, 15c; doz., \$1.50.

Mrs. Jenkins—Tall, pure white. Extra fine. Each, 15c; doz., \$1.50.

Mad. M. Kuppenheim—Dwarf, pure white. Each, 15c; doz., \$1.50.

Mad. Paul Dutrie—Flesh pink on white ground. Each, 20c; doz., \$2.00.

Obergartner Reichenau—Pure rose. Very large. Each, 20c; doz., \$2.00.

Professor Virchow—White shaded to crimson. Each, 20c; doz., \$2.00.

Professor Scheliemann—Lilac rose. Each, 15c; doz., \$1.50.

Pantheon—Beautiful rose pink. Each, 20c; doz., \$2.00.

Rynstrom—Soft pink. Extra choice. Each, 20c; doz., \$2.00.

Rheingau—White with rayed carmine eye. Each, 20c; doz., \$2.00.

Rosenberg—Wine red. Each, 20c; doz., \$2.00.

Selma—Pale rose with dark center. Each, 20c; doz., \$2.00.

Siebold—Bright scarlet. Each, 20c; doz., \$2.00.

Von Hochberg—Rich deep crimson. Each, 20c; doz., \$2.00.

Vesuvius—Fiery red. Each, 20c; doz., \$2.00.

Zouave—Carmine. Each, 20c; doz., \$2.00.

PELARGONIUMS (LADY WASHINGTON GERANIUMS)

These handsome subjects are gaining in popularity each succeeding year. The introduction of many fine and unique colors in this old favorite class has given a great impetus to their culture. When well grown Pelargoniums exceed Azaleas in point of beauty. The stock which we have the pleasure of offering you contains some of the loveliest varieties ever produced. The plants are of splendid, compact habit, flowers and trusses of phenomenal size and comprising a series of colors which are not only new but of matchless beauty. We doubt if a better collection can be found.

Anna Rudloff—Dark red, immense black blotches.

Andenken an Moscow—Deep rich purple, black blotches.

Andenken an London—Reddish scarlet, white center. Two upper petals blotched black.

Anita—Center of flowers white, margined bright rose. Upper petals feathered dark crimson.

Bertha Wagner—Deep carmine rose. Edges of petals white.

Blue Mabel—Carmine with velvety black blotches.

Balkonigen—Light rose.

Cornelie—Soft rose, white center, maroon blotches.

Carl Holzmänn—Scarlet, upper petals blotched black.

Duchess of Cornwall—Purplish maroon.

Duchess of Westminster—Pink and white with crimson blotches.

Erbprinzessin Ysenberg—Light red, white at center. Petals edged white. Dots of white over entire surface of bloom.

Frau Krumb—Pale soft rose. Upper petals blotched deep purplish red.

F. H. Howard—Deep scarlet. Upper petals blotched black.

Gartendirector Siebert—Fiery red with black blotches.

John Martin—Light purplish maroon.

Joseph d'Toupler—Center red, outer edges white.

Kate Bornemann—White overlaid salmon pink, blotched rich crimson. Magnificent.

Lord Clyde—White, veined and flushed light purple, blotched velvety crimson.

Milton—White, upper petals blotched.

Mrs. H. J. Jones—Cerulean red, upper petals blotched crimson.

Miss Saunders—White, two upper petals blotched purplish crimson.

Martha Burger—Bright rose.

Mrs. E. H. Childs—Deep rosy pink.

Montebello—Pink, blotched white.

Mad. Thibaut—Pink with white shadings.

Mabel—Upper petals maroon, lower ones bright rose.

Olympe—Pure white.

Professor Correns—Deep rose with dark blotches.

Peter Hoser—Fiery brick red. Black blotches on each petal.

Pauline Schroeter—Deep rosy carmine with dark blotches.

Schöne Illa—Salmon rose. Dark blotches on upper petals.

Volante Nationale Alba—A superb pure white.

Price—Of any of the above varieties from 2-inch pots. Each, 20c; doz., \$2.00.

PRIMULAS

Malacoides—A striking new Primrose introduced from China several seasons ago. The flowers are borne around the central stem in dense whorls with several of these to each stem. Of special value for shady rockery planting. Each, 20c; doz., \$2.00.

Obconica—A beautiful strain with flowers ranging from almost white to lavender, rose, purple, etc., Well adapted for planting in shady beds or for growing in pots. Each, 15c; doz., \$1.50.

Veris—The true, old-fashioned English Primrose in a large flowered strain containing all colors from white to dark crimson. These make excellent border plants for shady beds, and they last several seasons with an added quality to the display each year. Each, 10c; doz., \$1.00.

RUDEBECKIA

Golden Glow—A grand, hardy perennial plant producing immense quantities of double, golden yellow Dahlia like flowers, during the Fall months. Height six to seven feet. Each, 15c; doz., \$1.50.

SALVIA

Azureus—A lovely species, native of the Rocky Mountains. Plants attain a height of four feet. Composed of numerous tall spikes which are literally covered with small, sky-blue flowers. Each, 20c; doz., \$2.00.

SENECIO

Petastites—This handsome foliage and flowering plant is also known under the name of Cineraria Maxima. Foliage extra large. Blooms small but produced in immense quantities. Fine for lawn specimens in sub-tropical garden effects. Each, 35c; doz., \$3.50.

SHASTA DAISY

H. & S. NEW, LARGE FLOWERED, SEMI-DOUBLE AND FRINGED TYPES

A new class of Shasta Daisies, including not only the extra large flowered single forms, but semi-double, fringed and spathulate types of bloom as well. Not so stiff in character as the old-fashioned Shasta. In assortment, each, 25c; doz., \$2.50.

Single Flowered Varieties—Much improved single types of our own growing. Each, 10c; doz., \$1.00.

SOLIDAGO

Altissima—The giant Eastern Golden Rod. The clumps are of perennial duration, increasing in size and vigor year after year. Each, 15c; doz., \$1.50.

STATICE

Magnifica—A tree like species which attains a height of some four feet. The flowers are a magnificent shade of royal purple, thick set in a truss which obtains a diameter of eighteen inches or over. Aside from its value as a cut flower, a specimen in bloom in the garden is one of the most striking garden plants. Each, 35c; doz., \$3.50.

VIOLETS

Princess of Wales—The largest single Violet in cultivation. Deliciously scented. Per dozen, 60c.

Swanley White—A perfectly double, blue flowers, inty. Per doz., 60c.

Marie Louise—Large, double, blue flowers, intensely fragrant and very free. Per doz., 60c.

A FEW CHOICE ANNUALS AND BIENNIALS WHICH SHOULD BE PLANTED IN THE FALL

As there are many of our customers who do not care to bother with growing plants from seed, preferring to purchase them already grown for planting out, we grow each season many thousands of these in two-inch pots. A few sorts will be noted below, all in fine, thrifty stock.

Antirrhinums—Pink, Scarlet, Cottage Maid, Queen Victoria and Pink Pearl. Doz., 50c; per 100, \$3.50.

Calendulas—Lemon Queen and Orange King. Doz., 50c; per 100, \$3.50.

Cinerarias—H. & S. mixed. Each, 15c; per doz., \$1.50.

Cornflowers—Double Blue. Extra selected stock. Doz., 50c; per 100, \$3.50.

For-Get-Me-Nots—Blue and White. Doz., 50c; per 100, \$3.50.

Giant Daisies—Two colors, white and pink. Doz., 35c; per 100, \$2.75.

Pansies—H. & S. Choice Mixed. Doz., 35c; per 100, \$2.75.

Pansies—H. & S. Prize Mixed. Doz., 50c; per 100, \$3.50.

Scabious—Black Prince, Lavender Queen and Mixed. Doz., 50c; per 100, \$3.50.

Stocks—H. & S. Prize Mixed in the following colors: Old Rose, Crimson King, Beauty of Nice, Canary Yellow, Riviera White, Purple, Mauve Beauty and Chamois. Doz., 50c; per 100, \$3.50.

Balled Roses

We have a splendid stock of heavy two-year old Roses ready for delivery at the present time in the following varieties. Put out now means a fair quantity of fine blooms during October and November with the additional advantage of well established root action and a greater display next Spring. The following is an extra choice assortiment representing all colors.

Mrs. Aaron Ward—Deep rich Indian yellow, occasionally tinted with salmon. Each, 50c.

Geo. Arends—The pink Frau Karl Druschski. A wonderful shade of silvery pink. Each, 75c.

Florence Pemberton—Silvery pink on a white ground. Blooms of enormous size. Each 50c.

Mad. Leon Paine—Lovely silver pink tinted with salmon. Each, 50c.

Sunburst—Unquestionably the grandest of all yellow Roses. A deep, rich shade of orange yellow. Each, 75c.

Mrs. A. R. Waddell—A lovely shade of deep reddish apricot toned with salmon. Each, 50c.

Mad. Abel Chatney—A wonderful shade of salmon pink. Fine in either bud or open state. Each 50c.

Betty—Coppery rose shaded to golden yellow at base. Buds long and pointed. Exceedingly beautiful. Each 50c.

Mad. Edouard Herriott—The sensational Daily Mail Rose. Color coral red shaded to yellow and bright rose. The colors change to shrimp pink as the blossoms age. Each, \$1.00.

Harry Kirk—Deep rich orange yellow, with lighter shading at tips of the petals. Each, 50c.

Edward Mawley—Rich dark velvety crimson. One of the best red Roses grown. Each, 75c.

Superior Arnold Janssen—Long pointed buds. Enormous deep rose pink colored blooms. Each, 75c.

Juliet—A wonderful combination of orange scarlet and salmon. Each, 75c.

Red Radiance—One of the coming red Roses for California. Enormous flowers light red in color. Very fragrant. Each, \$1.00.

Pink Radiance—Rich rose pink with deeper shading. Extra large. Each, \$1.00.

Arthur Coxhead—Deep rosy red. Petals of remarkable width and substance. Each, 75c.

Frau Karl Druschski—The white American Beauty. Best of all pure white Roses. Immense blooms. Each, 50c.

Grange Colombe—Extra long pointed buds expanding to enormous blooms. Color white, tinted creamy yellow. Each, 75c.

Perle von Godesburg—A splendid free blooming creamy white. Each, 50c.

Mad. Edward Rostand—Exterior petals delicate shades of blush and salmon. Center intense, reddish orange yellow. Each, \$1.00.

Mrs. Hillas—Canary yellow shaded to creamy white. Each, \$1.00.

Duchess of Wellington—One of the finest of all yellow Roses. In color deep orange with chrome yellow shadings. Each, 75c.

SPECIAL OFFER

Any SIX Roses of the above collection for, \$3.75.

Any TWELVE Roses of the above collection for \$6.75.

Any EIGHTEEN Roses of the above collection for \$9.00.

EXTRA SPECIAL OFFER

One each of the above varieties, twenty-two in all, a collection of unexcelled merit, for \$10.00.

Note.—These Roses are all heavy two-year-old plants. They will be balled from the field and delivered to you on the routes of our regular delivery service. If to be shipped by express or freight the price includes packing and delivery to the express or freight company, customers to pay the transportation charges.

PLANT THEM NOW.

CLIMBING ROSES

A SPLENDID ASSORTMENT OF THE BEST CLIMBING VARIETIES

PRICE: Each 50c; Per doz., \$5.00.

Unless otherwise mentioned.

Cl. Caroline Testout—A climbing form of Madame Caroline Testout with the same silvery pink color to be noted in the mother plant. Remarkably free in bloom. The plants are literally smothered with perfect buds and open flowers.

Cl. Cecil Brunner—A sport from Madame Cecil Brunner, identical by way of color but with a tremendously vigorous climbing habit.

Cl. Duchess De Auerstadt—A scarce and but little known climbing rose with large globular blooms. Deep rich yellow in color.

Cl. Lady Ashtown—Superb deep silvery pink, a shade or two darker than Caroline Testout. Unquestionably one of the grandest pink climbers in existence. Although a climbing rose the buds are borne on long stems, making it valuable for cut flowers. Each, 75c.

La Marque—Well known as one of the finest white varieties in cultivation. A profuse bloomer, fine in bud, excellent as a cut flower.

Cl. Liberty—A comparatively recent introduction. Bears large quantities of magnificent rich crimson buds which expand into wonderful, highly colored open flowers. Each, 75c.

Cl. Mad. Driout—A sport from the old favorite variety, Marie Henrietta. Different only in the color of its blooms, which are a rich rose color, heavily striped with cherry red.

Cl. Papa Gontier—The buds are of the same elegant pointed form and color as that to be noted in its parent or bush form. One of the best climbing Roses of its particular shade.

Cl. Pink Cochet—One of our own introductions. The individual buds and flowers are much larger than those of the dwarf bush form and are produced in far greater profusion. As an addition to the pink climbing roses of recent introduction it is beyond a peer and bound to find its way into every garden where Roses are appreciated and grown for their fragrance and beauty. Each, \$1.00.

Reine Marie Henrietta—One of the best of the old fashioned climbing red Roses. Flowers are very large, bright cherry red in color, and abundantly produced.

Reve d'Or—Unique in shades of buff and apricot. Similar in form to La Marque. One of the best climbing Roses in cultivation, in form similar to La Marque. Always in demand.

Cl. White Cochet—A white sport from the bush form of the same name and a fine companion to Cl. Pink Cochet. Buds of immense size, pure white, beautifully rimmed pink at the edges of the petals.

Wm. Allen Richardson—A climbing rose of unique color. Center of flower deep orange, outer petals more or less creamy at margins. The buds are a pure orange tint and excellent for cut flower work.



The New Rose "Los Angeles"

The Queen
of Them All

The color is absolutely new in Roses. Luminous flame pink, toned with coral and shaded with translucent gold. The buds are long and pointed, expanding to a flower of mammoth proportions. Beautiful from the opening bud until the last petal drops.

Extra strong two-year-old stock, cut back to eighteen inches high, which will bloom freely this next summer, delivered anywhere in the United States for.....\$2.00

Why not send a plant of "Los Angeles" to some of your Eastern friends? It will furnish a glad surprise and an appropriate reminder of California.



A PARTIAL VIEW OF THE FLORAL DEPARTMENT

We specialize in this department of our business, and would state that we have one of the largest and best equipped florist establishments on the Coast. Seasonable cut flowers, wedding bouquets, floral designs a specialty. The key note of a pretty wedding, the distinguishing mark of refinement and good taste, is reflected in the selection and proper use of flowers. All the newest designs in baskets, hampers, etc. The enormous stocks of flowers and plants grown at our Montebello nurseries enable us to place before the public a line of goods which is not only distinct in character but remarkable in diversity. Over 150,000 Daffodils grown for cut flowers each Spring season, to say nothing of numerous other subjects all grown in enormous quantities.

Telegraph and mail orders given prompt attention.

Though you may live at a distance, your order will be as carefully taken care of as though you shopped in person.

Our Fine Strain of Pansy Seed

H. & S. GIANT PRIZE MIXED

There is no finer strain in existence. The blooms are of enormous size, superb substance and velvety texture. This class is shy seeding and consequently high in price. A hundred plants of these grown to perfection will afford you more satisfaction than a thousand of a poorer strain. Per pkt., 50c.

H. & S. CHOICE MIXED

A strain of giant flowered Pansies showing a wide and varied range of colors and combinations of colors. For ordinary bedding purposes this strain will be found to be very pleasing. Per pkt., 25c.

MADAM PERRET

A splendid large flowering class with a limited range of colors, but distinct and beautiful. The blooms usually have a white ground handsomely stained with shades of ruby, rose, crimson, etc. Remarkably free flowering, exceedingly large. Per pkt., 25c.

GOOD MIXED

A free flowering selection of medium size Pansies, including all of the various shades of color. Not nearly so good as Choice Mixed or Prize Mixed Pansies, but will produce a good show of color in the garden. Per pkt., 15c.

PANSIES IN SEPARATE COLORS

For those who desire a definite effect in beds or borders we offer the following varieties:

Lord Beaconsfield—Upper petals light lavender, lower petals deep purple.

Cardinal—Bright red. Medium in size but free blooming.

Giant Black—A large flowered perfectly black pansy. Comes true to color.

Giant Purple—Very large, deep purple.

Giant White—White with a purple eye.

Giant Yellow—Deep rich yellow with a dark eye.

Golden Queen—Pure deep yellow.

Price per packet of any of the above, each 15c.